

## Rabbit anti-Human LRRC8E Polyclonal Antibody | anti-LRRC8E antibody

LRRC8E Antibody

| CATALOG # | HOST   | REACTIVITY | APPLICATIONS                                    |
|-----------|--------|------------|-------------------------------------------------|
| AAA119674 | Rabbit | Human      | Immunofluorescence, Immunohistochemistry, ELISA |

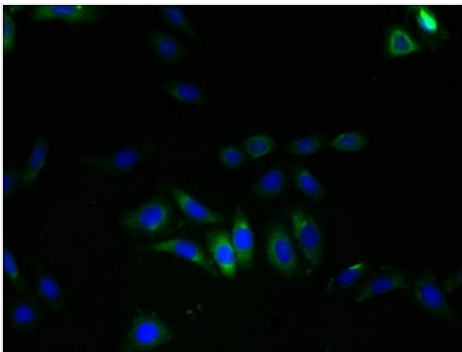
### PRODUCT SYNONYMS

LRRC8E; Polyclonal Antibody; LRRC8E Antibody; Volume-regulated anion channel subunit LRRC8E; Leucine-rich repeat-containing protein 8E; anti-LRRC8E antibody

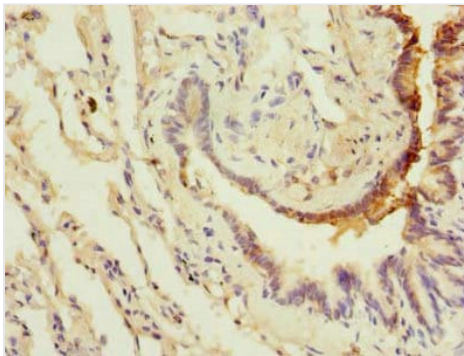
### PRODUCT SPECIFICATIONS

|                                                  |                                                                                                                                                                                                                                                                                                                              |
|--------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                             | Rabbit                                                                                                                                                                                                                                                                                                                       |
| Reactivity                                       | Human                                                                                                                                                                                                                                                                                                                        |
| Clonality                                        | Polyclonal                                                                                                                                                                                                                                                                                                                   |
| Isotype                                          | IgG                                                                                                                                                                                                                                                                                                                          |
| Purity/Purification                              | >95%, Protein G Purified                                                                                                                                                                                                                                                                                                     |
| Sequence                                         | MGDIPDVKND FAFMLHLIDQ YDSLYSKRFA VFLSEVSES R LKQLNLNHEW TPEKLRQKLQ RNAAGRLELA<br>LCMLPGLPDT VFELSEVESL RLEAICDITF PPGLSQLVHL QELSL LHSPA RLPFSLQVFL RDHLKVMRVK<br>CEELREVPLW VFGLRGLEEL HLEGLFPQEL ARAATLES LR ELKQLKVLSL RSNAGKVPAS VTDVAGHLQR<br>LSLHNDGARL VALNSLKLA ALRELELVAC GLERIPHAVF SLGALQELDL KDNHLRSIEE ILSFQHCR |
| Sequence Length                                  | 796                                                                                                                                                                                                                                                                                                                          |
| Applicable Applications for anti-LRRC8E antibody | IF (Immunofluorescence), IHC (Immunohistochemistry), ELISA                                                                                                                                                                                                                                                                   |
| Storage Buffer                                   | Preservative: 0.03% Proclin 300<br>Constituents: 50% Glycerol, 0.01M PBS, PH 7.4                                                                                                                                                                                                                                             |
| Conjugate                                        | Non-conjugated                                                                                                                                                                                                                                                                                                               |
| Immunogen                                        | Recombinant human volume-regulated anion channel subunit LRRC8E protein, corresponding to amino acids 353-630(Uniprot:Q6NSJ5-1)                                                                                                                                                                                              |
| Santa Cruz Alternative                           | Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-133764                                                                                                                                                                                                                                               |
| Preparation and Storage                          | Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C or -80 degree C. Avoid repeated freeze.                                                                                                                                                                                                               |

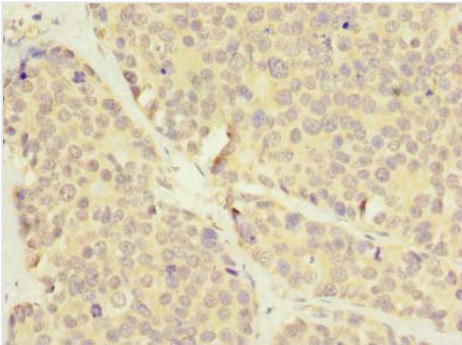
IMAGES



**IHC (Immunohistochemisry)**  
Immunofluorescent analysis of HepG2 cells using AAA119674 at a dilution of 1:100 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)



**IHC (Immunohiostchemistry)**  
Immunohistochemistry of paraffin-embedded human lung tissue using AAA119674 at dilution of 1:100



**IHC (Immunohistochemistry)**  
Immunohistochemistry of paraffin-embedded human gastric cancer using AAA119674 at dilution of 1:100

ADDITIONAL INFORMATION

|                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|-------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Related Product Information for anti-LRRC8E antibody</b> | Component of the volume-regulated anion channel (VRAC, also named VSOAC channel), an anion channel required to maintain a constant cell volume in response to extracellular or intracellular osmotic changes. The VRAC channel conducts iodide better than chloride and may also conduct organic osmolytes like taurine. It is unclear whether LRRC8E constitutes a pore-forming subunit or whether it is closely associated with the pore (By similarity). |
|-------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

NCBI AND UNIPROT INFORMATION

|                                  |                                                         |
|----------------------------------|---------------------------------------------------------|
| NCBI GI #                        | 392996931                                               |
| NCBI GeneID                      | 80131                                                   |
| NCBI Accession #                 | NP_001255213.1                                          |
| NCBI GenBank Nucleotide #        | NM_001268284.2                                          |
| UniProt Accession #              | Q6NSJ5; Q2YDY3; Q7L236; Q8N3B0; Q9H5H8; B3KR78          |
| Molecular Weight                 | 90,247 Da                                               |
| NCBI Official Full Name          | volume-regulated anion channel subunit LRRC8E isoform 1 |
| NCBI Official Synonym Full Names | leucine-rich repeat containing 8 family member E        |
| NCBI Official Symbol             | LRRC8E                                                  |
| NCBI Protein Information         | volume-regulated anion channel subunit LRRC8E           |
| UniProt Protein Name             | Volume-regulated anion channel subunit LRRC8E           |

|                    |             |
|--------------------|-------------|
| UniProt Gene Name  | LRRC8E      |
| UniProt Entry Name | LRC8E_HUMAN |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/lrrc8e-antibody-immunofluorescence-immunohistochemistry-elisa/119674>