

## Rabbit EMC10 Polyclonal Antibody | anti-EMC10 antibody

EMC10 Antibody

|                               |                       |                                        |                                                           |
|-------------------------------|-----------------------|----------------------------------------|-----------------------------------------------------------|
| CATALOG #<br><b>AAA310401</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human, Mouse, Rat</b> | APPLICATIONS<br><b>Immunohistochemistry, Western Blot</b> |
|-------------------------------|-----------------------|----------------------------------------|-----------------------------------------------------------|

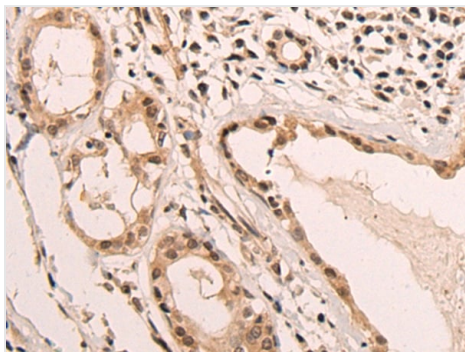
### PRODUCT SYNONYMS

EMC10; Polyclonal Antibody; EMC10 Antibody; HSM1; HSS1; C19orf63; anti-EMC10 antibody

### PRODUCT SPECIFICATIONS

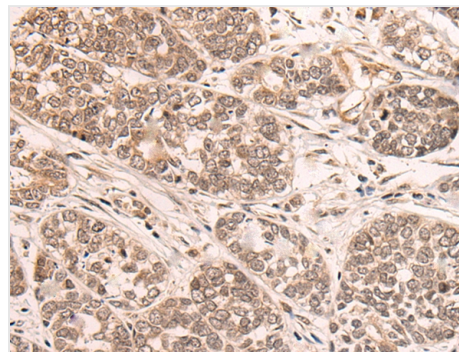
|                                                 |                                                                                |
|-------------------------------------------------|--------------------------------------------------------------------------------|
| Host                                            | Rabbit                                                                         |
| Reactivity                                      | Human, Mouse, Rat                                                              |
| Clonality                                       | Polyclonal                                                                     |
| Isotype                                         | IgG                                                                            |
| Specificity                                     | The antibody detects endogenous levels of total EMC10 protein.                 |
| Purity/Purification                             | Antigen affinity purification                                                  |
| Form/Format                                     | In pH7.4 PBS, 0.05% NaN <sub>3</sub> , 40% Glycerol.                           |
| Concentration                                   | 1.1mg/ml (varies by lot)                                                       |
| Sequence Length                                 | 262                                                                            |
| Applicable Applications for anti-EMC10 antibody | IHC (Immunohistochemistry), WB (Western Blot)                                  |
| Immunogen                                       | Synthetic peptide corresponding to residues near the C terminal of human EMC10 |
| Immunogen Type                                  | Peptide                                                                        |
| Target Name                                     | EMC10                                                                          |
| Preparation and Storage                         | Store at -20°C.                                                                |

### IMAGES



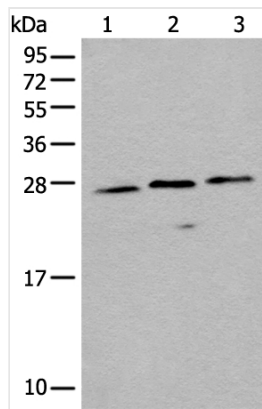
#### IHC (Immunohistochemisry)

The image on the left is immunohistochemistry of paraffin-embedded Human lung cancer tissue using 46558(EMC10 Antibody) at dilution 1/45, on the right is treated with synthetic peptide. (Original magnification: x200)



#### IHC (Immunohiostchemistry)

The image on the left is immunohistochemistry of paraffin-embedded Human esophagus cancer tissue using 46558(EMC10 Antibody) at dilution 1/45, on the right is treated with synthetic peptide. (Original magnification: x200)



#### SDS-PAGE

Gel: 12%SDS-PAGE, Lysate: 40 µg, Lane 1-3: Jurkat, PC-3 and A549 cell lysates, Primary antibody: 46558(EMC10 Antibody) at dilution 1/400, Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution, Exposure time: 40 seconds

### ADDITIONAL INFORMATION

|                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|-----------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-EMC10 antibody | EMC10, also known as C19orf63, C19orf63 is a 262 amino acid protein that exists as two alternatively isoforms and are encoded by a gene located on human chromosome 19. Chromosome 19 consists of approximately 63 million bases and makes up over 2% of human genomic DNA. Chromosome 19 includes a diversity of interesting genes and is recognized for having the greatest gene density of the human chromosomes. It is the genetic home for a number of immunoglobulin superfamily members including the killer cell and leukocyte Ig-like receptors, a number of ICAMs, the CEACAM and PSG family, and Fcγ receptors. Key genes for eye color and hair color also map to chromosome 19. Peutz-Jeghers syndrome, spinocerebellar ataxia type 6, the stroke disorder CADASIL, hypercholesterolemia and insulin-dependent diabetes have been linked to chromosome 19. Translocations with chromosome 19 and chromosome 14 can be seen in some lymphoproliferative disorders and typically involve the proto-oncogene BCL3. |
| Product Categories/Family for anti-EMC10 antibody   | Total protein Ab                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |

### NCBI AND UNIPROT INFORMATION

|                                  |                                                  |
|----------------------------------|--------------------------------------------------|
| NCBI GI #                        | 45580696                                         |
| NCBI GeneID                      | 284361                                           |
| NCBI Accession #                 | NP_996261                                        |
| NCBI GenBank Nucleotide #        | NM_206538.3                                      |
| UniProt Accession #              | Q5UCC4; Q5UCC6; Q69YT5; Q6UWP3; Q86YL4; Q8N541   |
| Molecular Weight                 | 27 kDa                                           |
| NCBI Official Full Name          | ER membrane protein complex subunit 10 isoform 2 |
| NCBI Official Synonym Full Names | ER membrane protein complex subunit 10           |
| NCBI Official Symbol             | EMC10                                            |
| NCBI Official Synonym Symbols    | HSM1; HSS1; C19orf63                             |
| NCBI Protein Information         | ER membrane protein complex subunit 10           |
| UniProt Protein Name             | ER membrane protein complex subunit 10           |
| UniProt Gene Name                | EMC10                                            |
| UniProt Synonym Gene Names       | C19orf63; HSM1; INM02                            |

**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/emc10-antibody-immunohistochemistry-western-blot-elisa/310401>