

## Rabbit Kv11.1 Polyclonal Antibody | anti-KCNH2 antibody

Anti-Kv11.1 Antibody

|                               |                       |                                        |                                                           |
|-------------------------------|-----------------------|----------------------------------------|-----------------------------------------------------------|
| CATALOG #<br><b>AAA262331</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human, Mouse, Rat</b> | APPLICATIONS<br><b>Immunohistochemistry, Western Blot</b> |
|-------------------------------|-----------------------|----------------------------------------|-----------------------------------------------------------|

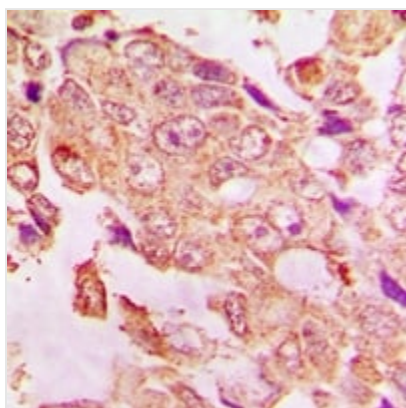
### PRODUCT SYNONYMS

Kv11.1; Polyclonal Antibody; Anti-Kv11.1 Antibody; ERG; ERG1; HERG; Potassium voltage-gated channel subfamily H member 2; Eag homolog; Ether-a-go-go-related gene potassium channel 1; ERG-1; Eag-related protein 1; Ether-a-go-go-related protein 1; H-ERG; hERG-1; HERG1; Voltage-gated potassium channel subunit Kv11.1; anti-KCNH2 antibody

### PRODUCT SPECIFICATIONS

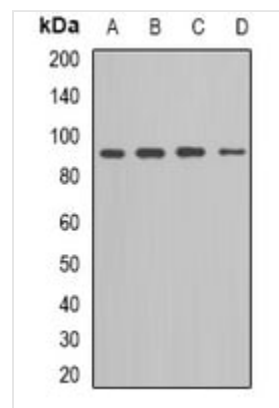
|                                                 |                                                                                                                |
|-------------------------------------------------|----------------------------------------------------------------------------------------------------------------|
| Host                                            | Rabbit                                                                                                         |
| Reactivity                                      | Human, Mouse, Rat                                                                                              |
| Clonality                                       | Polyclonal                                                                                                     |
| Specificity                                     | Recognizes endogenous levels of Kv11.1 protein.                                                                |
| Purity/Purification                             | The antibody was purified by immunogen affinity chromatography.                                                |
| Form/Format                                     | Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.      |
| Sequence Length                                 | 1,063                                                                                                          |
| Applicable Applications for anti-KCNH2 antibody | IHC (Immunohistochemistry), WB (Western Blot)                                                                  |
| Immunogen                                       | KLH-conjugated synthetic peptide of human Kv11.1                                                               |
| Preparation and Storage                         | Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C for one year. Avoid freeze/thaw cycles. |

### IMAGES



#### IHC (Immunohistochemistry)

Immunohistochemical analysis of Kv11.1 staining in human breast cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



#### WB (Western Blot)

Western blot analysis of Kv11.1 expression in SW620 (A), MCF7 (B), K562 (C), mouse brain (D) whole cell lysates.

ADDITIONAL INFORMATION

|                                                     |                                      |
|-----------------------------------------------------|--------------------------------------|
| Related Product Information for anti-KCNH2 antibody | Rabbit polyclonal antibody to Kv11.1 |
|-----------------------------------------------------|--------------------------------------|

NCBI AND UNIPROT INFORMATION

|                                  |                                                                                                      |
|----------------------------------|------------------------------------------------------------------------------------------------------|
| NCBI GI #                        | 4557729                                                                                              |
| NCBI GeneID                      | 3757                                                                                                 |
| NCBI Accession #                 | NP_000229.1                                                                                          |
| NCBI GenBank Nucleotide #        | NM_000238.3                                                                                          |
| UniProt Accession #              | Q12809; O75418; O75680; Q708S9; Q9BT72; Q9BUT7; Q9H3P0; A5H1P7; C4PFH9; D3DX04                       |
| Molecular Weight                 | 115,636 Da                                                                                           |
| NCBI Official Full Name          | potassium voltage-gated channel subfamily H member 2 isoform a                                       |
| NCBI Official Synonym Full Names | potassium voltage-gated channel subfamily H member 2                                                 |
| NCBI Official Symbol             | KCNH2                                                                                                |
| NCBI Official Synonym Symbols    | ERG1; HERG; LQT2; SQT1; ERG-1; H-ERG; HERG1; Kv11.1                                                  |
| NCBI Protein Information         | potassium voltage-gated channel subfamily H member 2                                                 |
| UniProt Protein Name             | Potassium voltage-gated channel subfamily H member 2                                                 |
| UniProt Gene Name                | KCNH2                                                                                                |
| UniProt Synonym Gene Names       | ERG; ERG1; HERG; ERG-1; Eag-related protein 1; Ether-a-go-go-related protein 1; H-ERG; hERG-1; hERG1 |
| UniProt Entry Name               | KCNH2_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/kv111-antibody-immunohistochemistry-western-blot-elisa/262331>