

## Rabbit anti-Human, Mouse NAV2 Polyclonal Antibody | anti-NAV2 antibody

Anti-NAV2 Antibody

|                               |                       |                                   |                                                           |
|-------------------------------|-----------------------|-----------------------------------|-----------------------------------------------------------|
| CATALOG #<br><b>AAA264049</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human, Mouse</b> | APPLICATIONS<br><b>Immunohistochemistry, Western Blot</b> |
|-------------------------------|-----------------------|-----------------------------------|-----------------------------------------------------------|

### PRODUCT SYNONYMS

NAV2; Polyclonal Antibody; Anti-NAV2 Antibody; HELAD1; KIAA1419; POMFIL2; RAINB1; STEERIN2; Neuron navigator 2; Helicase APC down-regulated 1; Pore membrane and/or filament-interacting-like protein 2; Retinoic acid inducible in neuroblastoma 1; Steerin-2; Unc-53 homolog 2; unc53H2; anti-NAV2 antibody

### PRODUCT SPECIFICATIONS

|                                                |                                                                                                                                     |
|------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------|
| Host                                           | Rabbit                                                                                                                              |
| Reactivity                                     | Human, Mouse                                                                                                                        |
| Clonality                                      | Polyclonal                                                                                                                          |
| Specificity                                    | Recognizes endogenous levels of NAV2 protein.                                                                                       |
| Purity/Purification                            | 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.                           |
| Applicable Applications for anti-NAV2 antibody | IHC (Immunohistochemistry), WB (Western Blot)                                                                                       |
| Immunogen                                      | KLH-conjugated synthetic peptide encompassing a sequence within the C-term region of human NAV2. The exact sequence is proprietary. |
| Preparation and Storage                        | Upon delivery aliquot and store at -20 degree C for one year. Avoid freeze/thaw cycles.                                             |

### IMAGES



#### IHC (Immunohistochemistry)

Immunohistochemical analysis of NAV2 staining in human brain 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 NAV2 expression in AML12 (A), U87MG (B) whole cell lysates.

### ADDITIONAL INFORMATION

|                                                    |                                    |
|----------------------------------------------------|------------------------------------|
| Related Product Information for anti-NAV2 antibody | Rabbit polyclonal antibody to NAV2 |
|----------------------------------------------------|------------------------------------|

### NCBI AND UNIPROT INFORMATION

|             |           |
|-------------|-----------|
| NCBI GI #   | 161169017 |
| NCBI GeneID | 89797     |

|                                  |                                                                                                                                                                                            |
|----------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| NCBI Accession #                 | NP_001104489.1                                                                                                                                                                             |
| NCBI GenBank Nucleotide #        | NM_001111019.2                                                                                                                                                                             |
| UniProt Accession #              | Q8IVL1; Q8IVK3; Q8IVK4; Q8IVK5; Q8IVK6; Q8IVK7; Q8IVK8; Q8NHC9; Q8NHD0; Q8TDE9; Q8TDF0; A6NEC1                                                                                             |
| Molecular Weight                 | 268,167 Da                                                                                                                                                                                 |
| NCBI Official Full Name          | neuron navigator 2 isoform 4                                                                                                                                                               |
| NCBI Official Synonym Full Names | neuron navigator 2                                                                                                                                                                         |
| NCBI Official Symbol             | NAV2                                                                                                                                                                                       |
| NCBI Official Synonym Symbols    | HELAD1; RAINB1; POMFIL2; UNC53H2; STEERIN2                                                                                                                                                 |
| NCBI Protein Information         | neuron navigator 2; steerin-2; unc-53 homolog 2; helicase, APC down-regulated 1; retinoic acid inducible gene in neuroblastoma 1; pore membrane and/or filament-interacting-like protein 2 |
| UniProt Protein Name             | Neuron navigator 2                                                                                                                                                                         |
| UniProt Gene Name                | <b>NAV2</b>                                                                                                                                                                                |
| UniProt Synonym Gene Names       | HELAD1; KIAA1419; POMFIL2; RAINB1; STEERIN2; unc53H2                                                                                                                                       |
| UniProt Entry Name               | NAV2_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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