# Rabbit Kv4.2 Polyclonal Antibody | anti-KCND2 antibody

Anti-Kv4.2 Antibody

| CATALOG # | HOST | REACTIVITY | APPLICATIONS |
|---|---|---|---|
| **AAA262648** | **Rabbit** | **Human, Mouse, Rat** | **Immunohistochemistry, Western Blot** |

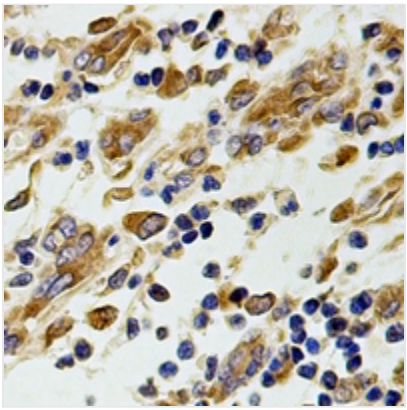
## PRODUCT SYNONYMS

Kv4.2; Polyclonal Antibody; Anti-Kv4.2 Antibody; KIAA1044; Potassium voltage-gated channel subfamily D member 2; Voltage-gated potassium channel subunit Kv4.2; anti-KCND2 antibody

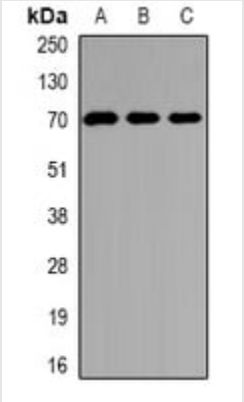
## PRODUCT SPECIFICATIONS

| | |
|---|---|
| **Host** | Rabbit |
| **Reactivity** | Human, Mouse, Rat |
| **Clonality** | Polyclonal |
| **Specificity** | Recognizes endogenous levels of Kv4.2 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** | 630 |
| **Applicable Applications for anti-KCND2 antibody** | IHC (Immunohistochemistry), WB (Western Blot) |
| **Immunogen** | Recombinant full length protein of human Kv4.2 |
| **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 (Immunohiostchemistry)**
Immunohistochemical analysis of Kv4.2 staining in human stomach 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 Kv4.2 expression in THP1 (A), rat brain (B), rat heart (C) whole cell lysates.

## ADDITIONAL INFORMATION

| | |
|---|---|
| **Related Product Information for anti-KCND2 antibody** | Rabbit polyclonal antibody to Kv4.2 |

## NCBI AND UNIPROT INFORMATION

| | |
|---|---|
| **NCBI GI #** | 9789987 |
| **NCBI GeneID** | 3751 |
| **NCBI Accession #** | NP_036413.1 |
| **NCBI GenBank Nucleotide #** | NM_012281.2 |
| **UniProt Accession #** | Q9NZV8; O95012; O95021; Q2TBD3; Q9UBY7; Q9UN98; Q9UNH9 |
| **Molecular Weight** | 70,537 Da |
| **NCBI Official Full Name** | potassium voltage-gated channel subfamily D member 2 |
| **NCBI Official Synonym Full Names** | potassium voltage-gated channel subfamily D member 2 |
| **NCBI Official Symbol** | KCND2 |
| **NCBI Official Synonym Symbols** | RK5; KV4.2 |
| **NCBI Protein Information** | potassium voltage-gated channel subfamily D member 2 |
| **UniProt Protein Name** | Potassium voltage-gated channel subfamily D member 2 |
| **UniProt Gene Name** | **KCND2** |
| **UniProt Synonym Gene Names** | KIAA1044 |
| **UniProt Entry Name** | KCND2_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.

**AAA Biotech** | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: https://stage.aaabiotech.com/polyclonal/kv42-antibody-immunohistochemistry-western-blot-elisa/262648