

Datasheet for ABIN6749708
anti-KCND2 antibody (AA 432-481)[Go to Product page](#)

2 Images

Overview

Quantity:	100 µL
Target:	KCND2
Binding Specificity:	AA 432-481
Reactivity:	Human, Rat, Mouse, Rabbit, Pig, Cow, Chicken, Monkey
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This KCND2 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Brand:	IHC-plus™
Immunogen:	Synthetic peptide located between aa432-481 of human KCND2 (Q9NZV8, NP_036413). Percent identity by BLAST analysis: Human, Chimpanzee, Orangutan, Monkey, Mouse, Rat, Ferret, Bovine, Rabbit, Pig, Turkey, Zebra finch, Chicken (100%). Type of Immunogen: Synthetic peptide
Specificity:	Human KCND2 / Kv4.2
Predicted Reactivity:	Percent identity by BLAST analysis: Human, Mouse, Rat, Bovine, Rabbit, Chicken (100%).
Purification:	Immunoaffinity purified

Target Details

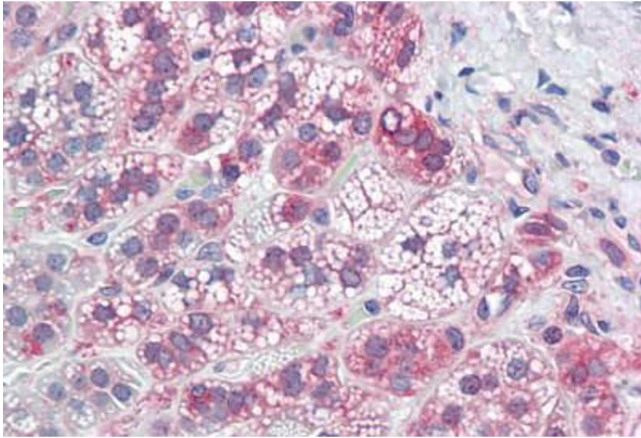
Target:	KCND2
Alternative Name:	KCND2 / Kv4.2 (KCND2 Products)
Background:	Name/Gene ID: KCND2 Subfamily: Potassium channel - Kv4 Shal Family: Ion Channel Synonyms: KCND2, KIAA1044, KV4.2, RK5, Shal1
Gene ID:	3751
NCBI Accession:	NP_036413
UniProt:	Q9NZV8

Application Details

Application Notes:	Approved: IHC, IHC-P (5 - 7.5 µg/mL), WB (0.2 - 1 µg/mL) Usage: Western Blot: Suggested dilution at 1 µg/mL in 5 % skim milk / PBS buffer, and HRP conjugated anti-Rabbit IgG should be diluted in 1: 50,000 - 100,000 as secondary antibody.
Comment:	Target Species of Antibody: Human
Restrictions:	For Research Use only

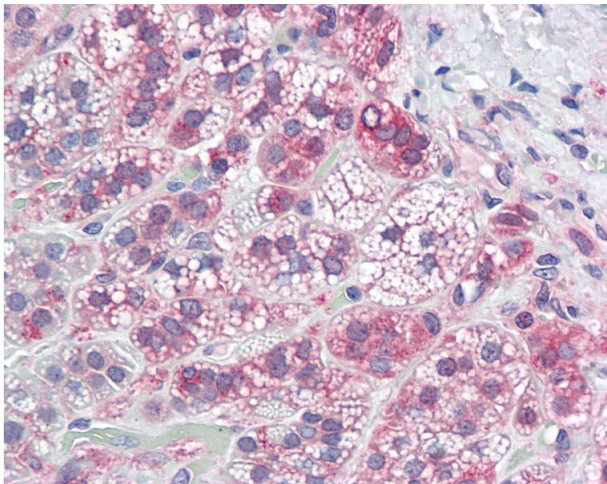
Handling

Format:	Lyophilized
Reconstitution:	Distilled water
Concentration:	Lot specific
Buffer:	Lyophilized from PBS with 2 % sucrose
Handling Advice:	Avoid repeat freeze-thaw cycles.
Storage:	4 °C, -20 °C
Storage Comment:	Long term: -20°C, the use of 50% glycerol is recommended if storing aliquots in -20°C for long term use (up to 1 year) Short term (less than 1 week): 4°C. Avoid freeze-thaw cycles.



Immunohistochemistry

Image 1. Anti-KV4.2 antibody IHC staining of human adrenal. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody ABIN1102687 dilution 38538 ug/ml.



Immunohistochemistry

Image 2. Anti-KV4.2 antibody IHC of human adrenal. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody dilution 5-7.5 ug/ml. This image was taken for the unconjugated form of this product. Other for ...