

Datasheet for ABIN6736409 anti-KCNK5 antibody (AA 421-470)



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2 Images

Overview

Quantity:	100 µL
Target:	KCNK5
Binding Specificity:	AA 421-470
Reactivity:	Human, Cow, Horse, Guinea Pig, Bat, Monkey
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This KCNK5 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunofluorescence (IF), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Brand:	IHC-plus™
Immunogen:	Synthetic peptide located between aa421-470 of human KCNK5 (O95279, NP_003731). Percent identity by BLAST analysis: Human, Gorilla, Gibbon, Monkey, Marmoset, Bovine, Bat, Horse, Guinea pig (100%), Galago, Panda, Dog, Rabbit, Pig, Opossum (92%), Elephant (91%). Type of Immunogen: Synthetic peptide
Specificity:	Human KCNK5
Predicted Reactivity:	Percent identity by BLAST analysis: Human, Bovine, Horse, Guinea pig (100%) Dog, Rabbit, Pig (92%).
Purification:	Immunoaffinity purified

Target Details

Target:	KCNK5
Alternative Name:	KCNK5 / TASK2 (KCNK5 Products)
Background:	Name/Gene ID: KCNK5 Subfamily: Potassium channel - two pore Family: Ion Channel Synonyms: KCNK5, K2p5.1, K2P5.1 potassium channel, TASK-2, TASK2
Gene ID:	8645
NCBI Accession:	NP_003731
UniProt:	O95279

Application Details

Application Notes:	Approved: IF (2.5 µg/mL), IHC, IHC-P (2.5 µg/mL), WB (0.2 - 1 µg/mL) Usage: Immunohistochemistry: This antibody was validated for use in immunohistochemistry on a panel of 21 formalin-fixed, paraffin-embedded (FFPE) human tissues after heat induced antigen retrieval in pH 6.0 citrate buffer. After incubation with the primary antibody, slides were incubated with biotinylated secondary antibody, followed by alkaline phosphatase-streptavidin and chromogen. The stained slides were evaluated by a pathologist to confirm staining specificity. The optimal working concentration for this antibody was determined to be 2.5 µg/mL.
Comment:	Target Species of Antibody: Human
Restrictions:	For Research Use only

Handling

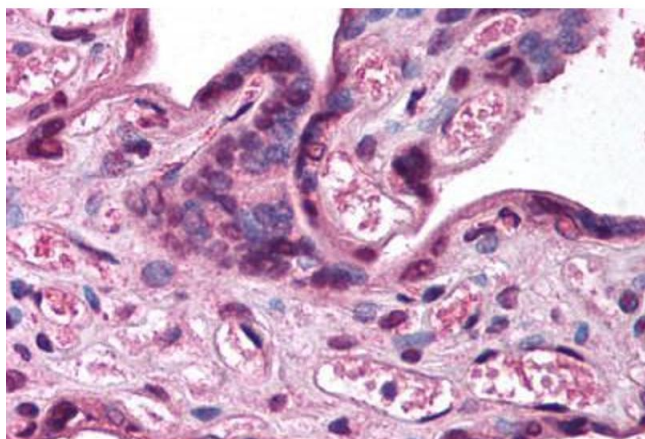
Format:	Lyophilized
Reconstitution:	Distilled water
Concentration:	Lot specific
Buffer:	Lyophilized from PBS with 2 % sucrose
Handling Advice:	Avoid repeat freeze-thaw cycles.
Storage:	4 °C, -20 °C

Handling

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)

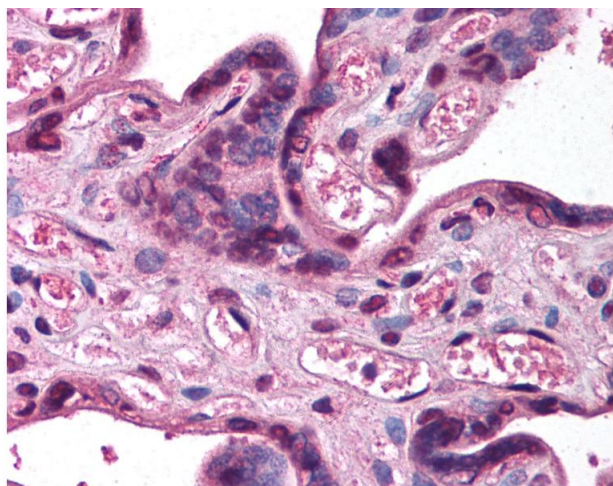
Short term (less than 1 week): 4°C. Avoid freeze-thaw cycles.

Images



Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Human Placenta (formalin-fixed, paraffin-embedded) stained with KCNK5 antibody ABIN214786 at 2.5 ug/ml followed by biotinylated goat anti-rabbit IgG secondary antibody ABIN481713, alkaline phosphatase-streptavidin and chromogen.



Immunohistochemistry

Image 2. Anti-KCNK5 antibody IHC of human placenta. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody concentration 5 ug/ml. This image was taken for the unconjugated form of this product. Other f ...