



ANO10 Polyclonal Antibody

Catalog No	YP-Ab-07333
Isotype	IgG
Reactivity	Human;Rat;Mouse;
Applications	WB;ELISA
Gene Name	ANO10 TMEM16K
Immunogen	Synthesized peptide derived from human protein . at AA range: 431-480
Specificity	ANO10 Polyclonal Antibody detects endogenous levels of protein.
Formulation	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-2000 ELISA 1:5000-20000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	anoctamin 10;Anoctamin-10;TMEM16K;Transmembrane protein 16K;ANO10; ANO10 TMEM16K;Anoctamin-10 (Transmembrane protein 16K)
Observed Band	68 kDa
Calculated Molecular Weight	660 aa, 76 kDa
Cell Pathway	Cell membrane ; Multi-pass membrane protein . Shows predominantly an intracellular localization with a weak expression in the cell membrane.
Tissue Specificity	Highly expressed in the brain. Intermediate levels in the retina and heart and low levels in the placenta, liver, lung, duodenum, kidney, testis and spleen. In brain areas, highest expression in the frontal and occipital cortices and in the cerebellum. Lower expression in the fetal brain than in the adult brain.
Function	function:May act as a calcium-activated chloride channel.,sequence caution:Contaminating sequence.,similarity:Belongs to the anoctamin family.,
Background	The transmembrane protein encoded by this gene is a member of a family of calcium-activated chloride channels. Defects in this gene may be a cause of autosomal recessive spinocerebellar ataxia-10. Several transcript variants encoding different isoforms have been found for this gene.[provided by RefSeq, Mar 2011],

matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images