



# ANO10 Polyclonal Antibody

<b>Catalog No</b>	YP-Ab-07333
<b>Isotype</b>	IgG
<b>Reactivity</b>	Human;Rat;Mouse;
<b>Applications</b>	WB;ELISA
<b>Gene Name</b>	ANO10 TMEM16K
<b>Protein Name</b>	Anoctamin-10 (Transmembrane protein 16K)
<b>Immunogen</b>	Synthesized peptide derived from human protein . at AA range: 431-480
<b>Specificity</b>	ANO10 Polyclonal Antibody detects endogenous levels of protein.
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
<b>Source</b>	Polyclonal, Rabbit,IgG
<b>Purification</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Dilution</b>	WB 1:500-2000 ELISA 1:5000-20000
<b>Concentration</b>	1 mg/ml
<b>Purity</b>	≥90%
<b>Storage Stability</b>	-20°C/1 year
<b>Synonyms</b>	
<b>Observed Band</b>	72kD
<b>Cell Pathway</b>	Cell membrane ; Multi-pass membrane protein . Shows predominantly an intracellular localization with a weak expression in the cell membrane.
<b>Tissue Specificity</b>	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.
<b>Function</b>	function:May act as a calcium-activated chloride channel.,sequence caution:Contaminating sequence.,similarity:Belongs to the anoctamin family.,
<b>Background</b>	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],
<b>matters needing attention</b>	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**