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Datasheet for ABIN6287729 **anti-Myosin VI antibody (N-Term)**

Overview

Quantity:	50 µL
Target:	Myosin VI (MYO6)
Binding Specificity:	AA 40-120, N-Term
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Myosin VI antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (IF), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Purpose:	Myosin VI is a protein encoded by the MYO6 gene which is approximately 149,6 kDa. Myosin VI is localised to the Golgi apparatus, nucleus and cytoplasm. It is involved in the PAK pathway, gap junction trafficking, actin nucleation and the RhoGDI pathway. It is a reverse-direction motor protein with ATPase activity that moves toward the minus end of actin filaments and plays a role in intracellular vesicle and organelle transport. Myosin VI is expressed in most tissues including heart, brain, placenta, pancreas and spleen. Mutations in the MYO6 gene may result in deafness. STJ96437 was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen. This polyclonal antibody detects endogenous levels of Myosin VI protein.
Immunogen:	Synthesized peptide derived from human Myosin VI
Isotype:	IgG

Product Details

Specificity:	Myosin VI Polyclonal Antibody detects endogenous levels of Myosin VI protein.
Characteristics:	Rabbit polyclonal to Myosin VI.
Purification:	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

Target Details

Target:	Myosin VI (MYO6)
Alternative Name:	Myosin VI (MYO6 Products)
Molecular Weight:	150 kDa
Gene ID:	4646
UniProt:	Q9UM54
Pathways:	Sensory Perception of Sound , Dicarboxylic Acid Transport , Asymmetric Protein Localization

Application Details

Application Notes:	WB 1:500-1:2000 IHC-P 1:100-300 ELISA 1:5000
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	Liquid in PBS containing 50 % glycerol, 0.5 % BSA and 0.02 % sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C, and avoid repeat freeze-thaw cycles.