



MYO15 rabbit pAb

Cat No.:ES9857

For research use only

Overview

Product Name	MYO15 rabbit pAb
Host species	Rabbit
Applications	IHC;IF
Species Cross-Reactivity	Human;Mouse
Recommended dilutions	IHC-p 1:50-300
Immunogen	Synthesized peptide derived from human protein . at AA range: 2990-3070
Specificity	MYO15 Polyclonal Antibody detects endogenous levels of protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.
Protein Name	Unconventional myosin-XV (Unconventional myosin-15)
Gene Name	MYO15A MYO15
Cellular localization	Cell projection, stereocilium . Cytoplasm, cytoskeleton . Localizes to stereocilium tips in cochlear and vestibular hair cells. .
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal
Concentration	1 mg/ml
Observed band	388kD
Human Gene ID	51168
Human Swiss-Prot Number	Q9UKN7
Alternative Names	
Background	This gene encodes an unconventional myosin. This protein differs from other myosins in that it has a long N-terminal extension preceding the conserved motor domain. Studies in mice suggest that this protein is necessary for actin organization in the hair cells of the cochlea. Mutations in this gene have





been associated with profound, congenital, neurosensory, nonsyndromal deafness. This gene is located within the Smith-Magenis syndrome region on chromosome 17. Read-through transcripts containing an upstream gene and this gene have been identified, but they are not thought to encode a fusion protein. Several alternatively spliced transcript variants have been described, but their full length sequences have not been determined. [provided by RefSeq, Jul 2008],

Immunohistochemical analysis of paraffin-embedded human spleen tissue. 1,primary Antibody was diluted at 1:200(4° overnight). 2, Sodium citrate pH 6.0 was used for antigen retrieval(>98°C,20min). 3,Secondary antibody was diluted at 1:200

