

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



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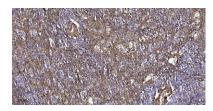
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been associated with profound, congenital, neurosensory, nonsyndromal deafness. This gene is located within the Smith-Magenis syndrome region on chromosome 17. Read-through transcripts containing an upstream gene and this gene have been identified, 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





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