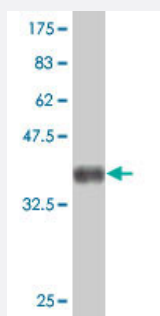


TECTA polyclonal antibody (A01)

Catalog # H00007007-A01

Size 50 uL

Applications



Western Blot detection against Immunogen (37.11 kDa) .

Specification

Product Description	Mouse polyclonal antibody raised against a partial recombinant TECTA.
Immunogen	TECTA (NP_005413, 1981 a.a. ~ 2080 a.a) partial recombinant protein with GST tag.
Sequence	YATPTRDSNDKLRYPFIIIEGGCQNLKDNTIGIEENAVSLTCRFHVTVFKEFIGDYDEVHLHCAVSLCDS EKYSCKITCPHNSRIATDYTKPEKEQIISVGPI
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (93); Rat (93)
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (37.11 kDa) .
Storage Buffer	50 % glycerol
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Recombinant protein)

[Protocol Download](#)

- ELISA

Gene Info — TECTA

Entrez GeneID [7007](#)

GeneBank Accession# [NM_005422](#)

Protein Accession# [NP_005413](#)

Gene Name TECTA

Gene Alias DFNA12, DFNA8, DFNB21

Gene Description tectorin alpha

Omim ID [601543](#) [601842](#) [602574](#) [603629](#)

Gene Ontology [Hyperlink](#)

Gene Summary

The tectorial membrane is an extracellular matrix of the inner ear that contacts the stereocilia bundles of specialized sensory hair cells. Sound induces movement of these hair cells relative to the tectorial membrane, deflects the stereocilia, and leads to fluctuations in hair-cell membrane potential, transducing sound into electrical signals. Alpha-tectorin is one of the major noncollagenous components of the tectorial membrane. Mutations in the TECTA gene have been shown to be responsible for autosomal dominant nonsyndromic hearing impairment and a recessive form of sensorineural pre-lingual non-syndromic deafness. [provided by RefSeq]

Other Designations OTTHUMP00000195078