MYO7A Antibody

Catalog No: #37747

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

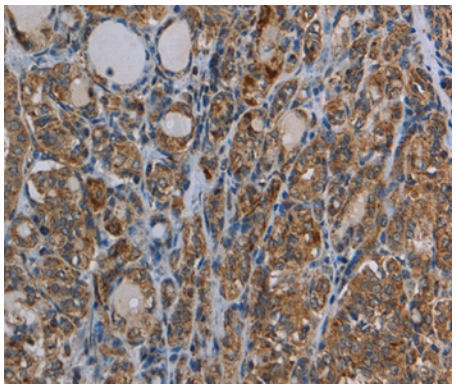
Description

Product Name	MYO7A Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antigen affinity purification.
Applications	IHC
Species Reactivity	Hu Ms
Specificity	The antibody detects endogenous levels of total MYO7A protein.
Immunogen Type	Peptide
Immunogen Description	Synthetic peptide corresponding to residues near the N terminal of human myosin VIIA
Target Name	MYO7A
Other Names	DFNB2; MYU7A; NSRD2; USH1B; DFNA11; MYOVIIA
Accession No.	Swiss-Prot#: Q13402NCBI Gene ID: 4647Gene Accssion: NP_000251
Uniprot	Q13402
GeneID	4647;
Concentration	0.5 mg/ml
Formulation	Rabbit IgG in pH7.4 PBS, 0.05% NaN3, 40% Glycerol.
Storage	Store at -20°C

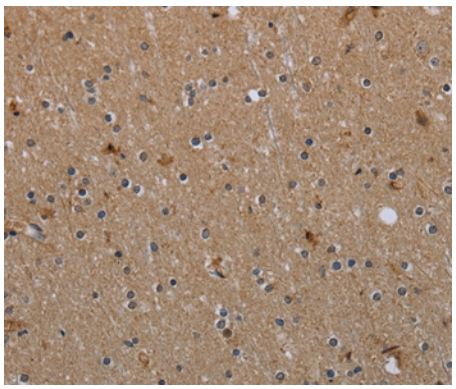
Application Details

Immunohistochemistry: 1:25-1:100

Images



Immunohistochemical analysis of paraffin-embedded Human thyroid cancer tissue using #37747 at dilution 1/30.



Immunohistochemical analysis of paraffin-embedded Human brain tissue using #37747 at dilution 1/30.

Background

This gene is a member of the myosin gene family. Myosins are mechanochemical proteins characterized by the presence of a motor domain, an actin-binding domain, a neck domain that interacts with other proteins, and a tail domain that serves as an anchor. This gene encodes an unconventional myosin with a very short tail. Defects in this gene are associated with the mouse shaker-1 phenotype and the human Usher syndrome 1B which are characterized by deafness, reduced vestibular function, and (in human) retinal degeneration. Alternative splicing results in multiple transcript variants.?

Note: This product is for in vitro research use only