MYO7A Polyclonal Antibody

Catalog Number:E-AB-13433

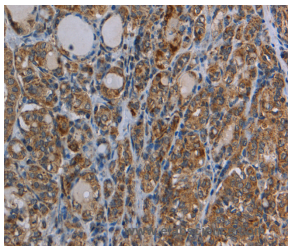
Note: Centrifuge before opening to ensure complete recovery of vial contents.

Description

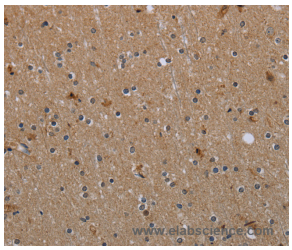
Reactivity	Human,Mouse
Immunogen	Synthetic peptide of human MYO7A
Host	Rabbit
Isotype	IgG
Purification	Affinity purification
Conjugation	Unconjugated
Formulation	PBS with 0.05% sodium azide and 50% glycerol, PH7.4

Applications	Recommended Dilution
IHC	1:25-1:100

Data



Immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using MYO7A Polyclonal Antibody at dilution 1:30



Immunohistochemistry of paraffin-embedded Human brain tissue using MYO7A Polyclonal Antibody at dilution 1:30

Preparation & Storage

Storage	Store at -20℃. Avoid freeze / thaw cycles.

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.