

Datasheet for ABIN7174973

anti-Myosin XV (MYO15) (AA 237-451) antibody[Go to Product page](#)**1** Image

Overview

Quantity:	100 µL
Target:	Myosin XV (MYO15)
Binding Specificity:	AA 237-451
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	Un-conjugated
Application:	ELISA, Immunohistochemistry (IHC)

Product Details

Immunogen:	Recombinant Human Unconventional myosin-XV protein (237-451AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	Myosin XV (MYO15)
Alternative Name:	MYO15A (MYO15 Products)
Background:	Background: Myosins are actin-based motor molecules with ATPase activity. Unconventional myosins serve in intracellular movements. Their highly divergent tails are presumed to bind to

Target Details

membranous compartments, which would be moved relative to actin filaments. Required for the arrangement of stereocilia in mature hair bundles (By similarity).

Aliases: DFNB3 antibody, MYO15 antibody, MYO15_HUMAN antibody, MYO15A antibody, Myosin XV antibody, Myosin XVA antibody, Unconventional myosin 15 antibody, Unconventional myosin XV antibody, Unconventional myosin-15 antibody, Unconventional myosin-XV antibody

UniProt: [Q9UKN7](#)

Pathways: [Sensory Perception of Sound](#)

Application Details

Application Notes: Recommended dilution: IHC:1:200-1:500,

Restrictions: For Research Use only

Handling

Format: Liquid

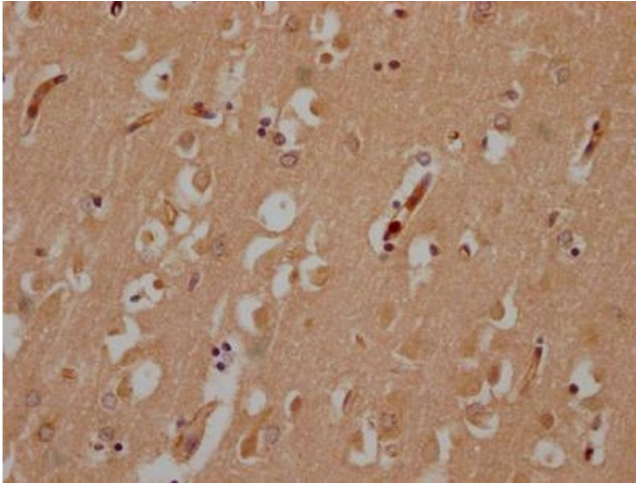
Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C,-80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



Immunohistochemistry

Image 1. IHC image of ABIN7174973 diluted at 1:200 and staining in paraffin-embedded human brain tissue performed on a Leica Bond™ system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10 % normal goat serum 30 min at RT. Then primary antibody (1 % BSA) was incubated at 4 °C overnight. The primary is detected by a Goat anti-rabbit polymer IgG labeled by HRP and visualized using 0.05 % DAB.