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Datasheet for ABIN6262482

anti-IFT81 antibody

2 Images

Overview

Quantity:	100 µL
Target:	IFT81
Reactivity:	Human, Mouse, Rat, Dog
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This IFT81 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Immunogen:	A synthesized peptide derived from human IFT81.
Isotype:	IgG
Specificity:	IFT81 antibody detects endogenous levels of IFT81.
Cross-Reactivity:	Dog (Canine), Human, Mouse (Murine), Rat (Rattus)
Purification:	The antiserum was purified by peptide affinity chromatography using SulfoLink™ Coupling Resin (Thermo Fisher Scientific).

Target Details

Target:	IFT81
Alternative Name:	IFT81 (IFT81 Products)
Background:	Description: Component of the intraflagellar transport (IFT) complex B: together with IFT74,

Target Details

forms a tubulin-binding module that specifically mediates transport of tubulin within the cilium.
Binds tubulin via its CH (calponin-homology)-like region. Required for ciliogenesis.
Gene: IFT81

Molecular Weight: 75-80 kDa

Gene ID: 28981

UniProt: [Q8WYAO](#)

Pathways: [Hedgehog Signaling](#)

Application Details

Application Notes: WB 1:500-1:2000, IHC 1:50-1:200

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 mg/mL

Buffer: Rabbit IgG in phosphate buffered saline , pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.

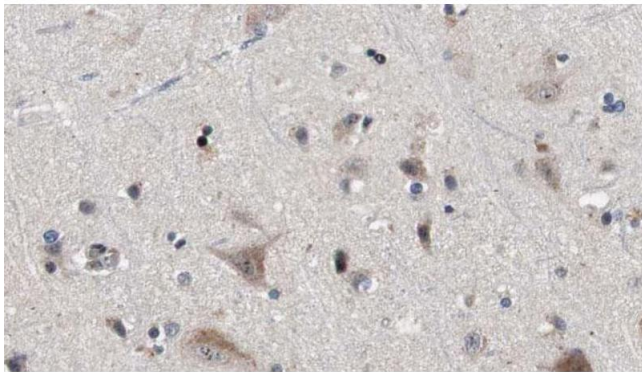
Preservative: Sodium azide

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

Storage: -20 °C

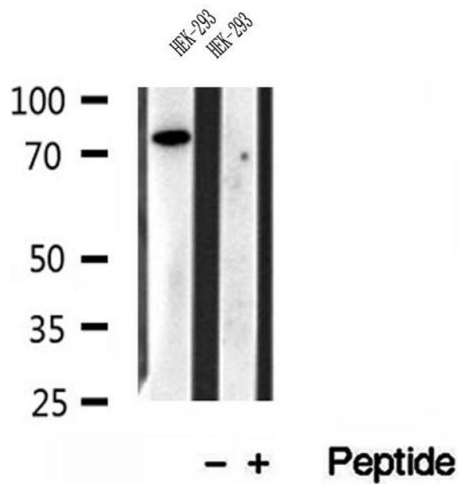
Storage Comment: Store at -20 °C. Stable for 12 months from date of receipt

Expiry Date: 12 months



Immunohistochemistry

Image 1. ABIN6272876 at 1/100 staining Human brain cancer tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22°C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.



Western Blotting

Image 2. Western blot analysis of extracts of HEK-293 cells, using IFT81 antibody.