

delta 2 Catenin Rabbit mAb [ih6f]

Cat NO. :A87290

Information:

Applications	Reactivity:	UniProt ID:	MW(kDa)	Host	Isotype	Size
WB,ICC/IF	Mouse,Rat	O35927(mouse)(human: Q9UQB3)	135kDa	Rabbit	IgG	50ul,100ul,200ul

Applications detail:

Application	Dilution
WB	1:1000-2000
ICC/IF	1:100
The optimal dilutions should be determined by the end user	

Conjugate:

UnConjugate

Form:

Liquid

sensitivity:

Endogenous

Purification:

Affinity-chromatography

Specificity:

Antibody is produced by immunizing animals with A synthesized peptide derived from human delta 2 Catenin

Storage buffer and conditions:

Antibody store in 10 mM PBS, 0.5mg/ml BSA, 50% glycerol (buffer) .

Shipped at 4°C. Store at-20°C or -80°C.

Products are valid for one natural year of receipt.Avoid repeated freeze / thaw cycles.

Tissue specificity:

Expressed in neurons and glial cells. Isoform 2 was found to be the most predominant isoform in various brain regions. Expressed at neuromuscular junctions..

Subcellular location:

Nucleus. Cell junction, adherens junction. Cell projection, dendrite. Perikaryon.

Function:

Introduction: **WB:** Western Blot **IP:** Immunoprecipitation **IHC:** Immunohistochemistry **ChIP:** Chromatin Immunoprecipitation **ICC/IF:** Immunocytochemistry/Immunofluorescence **F:** Flow Cytometry

Cross Reactivity: **H:** human **M:** mouse **R:** rat **Hm:** hamster **Mk:** monkey **Vr:** virus **Ml:** mink **C:** chicken **Dm** D. melanogaster **X:** Xenopus **Z:** zebrafish **B:** bovine
Dg: dog **Pg:** pig **Hr:** horse

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Has a critical role in neuronal development, particularly in the formation and/or maintenance of dendritic spines and synapses (PubMed:17993462) (PubMed:25807484). Involved in the regulation of canonical Wnt signaling (By similarity). It probably acts on beta-catenin turnover, facilitating beta-catenin interaction with GSK3B, phosphorylation, ubiquitination and degradation (PubMed:20623542). May be involved in neuronal cell adhesion and tissue morphogenesis and integrity by regulating adhesion molecules. Functions as a transcriptional activator when bound to ZBTB33 (PubMed:15282317)..

Validation Data:

delta 2 Catenin Rabbit mAb [ih6f] [Images](#)

Western blot (SDS PAGE) analysis of extracts from Mouse brain cell lysate.Using delta 2 Catenin Rabbit mAb [ih6f]at dilution of 1:1000 incubated at 4°C over night.

View more information on <http://naturebios.com>

IMPORTANT: For western blots, incubate membrane with diluted primary antibody in 1% w/v Milk, 1X TBST at 4°C overnight.