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CTNNAL1 Rabbit pAb

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Catalog # AP56441

Product Information

Application	IHC-P, IHC-F, IF
Primary Accession	Q9UBT7
Reactivity	Rat
Predicted	Human, Mouse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	81896
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human CTNNAL1
Epitope Specificity	151-250/743
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SUBCELLULAR LOCATION	Cytoplasm, cytoskeleton. Cell membrane; Peripheral membrane protein.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	CTNNAL1 acts as a scaffold in the Rho signalling pathway. May modulate the Rho pathway signaling by providing a scaffold for the Lbc Rho guanine nucleotide exchange factor. There are three different isoforms.

Additional Information

Gene ID	8727
Other Names	Alpha-catulin, Alpha-catenin-related protein, ACRP, Catenin alpha-like protein 1, CTNNAL1
Dilution	IHC-P=1:100-500,IHC-F=1:100-500,IF=1:100-500
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

Protein Information

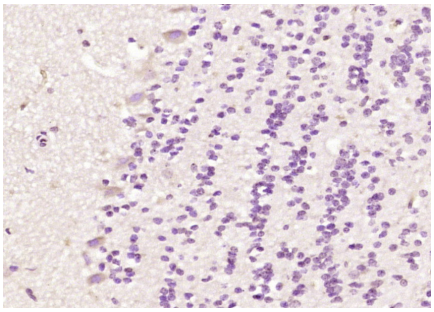
Name	CTNNAL1
Function	May modulate the Rho pathway signaling by providing a scaffold for the Lbc Rho guanine nucleotide exchange factor (ARHGEF1).

Cellular Location	Cytoplasm, cytoskeleton. Cell membrane; Peripheral membrane protein
Tissue Location	Widely expressed. Expressed at lower level in neural tissues and at the highest level in the adrenal gland

Background

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Images



Paraformaldehyde-fixed, paraffin embedded (rat brain); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (CTNNAL1) Polyclonal Antibody, Unconjugated (AP56441) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructionsand DAB staining.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.