

Rabbit Calcineurin (CaN) Polyclonal Antibody | anti-CaN antibody

Polyclonal Antibody to Calcineurin (CaN)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA135018	Rabbit	Human, Mouse, Rat	Western Blot, ELISA, Immunohistochemistry, Immunocytochemistry

PRODUCT SYNONYMS

Calcineurin (CaN); Polyclonal Antibody; Polyclonal Antibody to Calcineurin (CaN); anti-CaN antibody

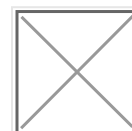
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Specificity	The antibody is a rabbit polyclonal antibody raised against CaN. It has been selected for its ability to recognize CaN in immunohistochemical staining and western blotting.
Purity/Purification	Affinity Chromatography
Form/Format	Supplied as solution form in PBS, pH7.4, containing 0.02% Na ₃ , 50% glycerol.
Concentration	0.84mg/ml (varies by lot)
Sequence	Antigen: The target protein is fused with a C-terminal tag, His-tag and T7-tag and its sequence is listed below. MGSSH HHHHSSGLV PRGSHMASMT GGQMGGRGS- IDPKLSTTDR VVKAVPFPPS HRLTAKEVFD NDGKPRVDIL KAHLMEKGRLEESVALRIIT EGASILRQEK NLLDIDAPVT VCGDIHGQFF DLMKLFVGG SPANTRYLFL GDYVDRGYFS IECVLYLWAL KILYPKTLFL LRGNHECRHL TEYFTFKQEC KIKYSERVYD ACMDAFDCLP LAALMNQQFL CVHGGLSPEI NTLDDIRKLD RFKEPPAYGP MCDILWSDPL EDFGNEKTQE HFTHTNVRGC SYFYSYPAVC EFLQ
Applicable Applications for anti-CaN antibody	WB (Western Blot), ELISA, IHC (Immunohistochemistry), ICC (Immunocytochemistry)
Immunogen	Recombinant CaN (Ile7~Ser301) expressed in E.coli.
Cross Reactivity	Human, Mouse, Rat
Conjugated Antibody	The APC conjugated antibody version of this item is also available as
Preparation and Storage	Store at 4 degree C for frequent use. Stored at -20 degree C to -80 degree C in a manual defrost freezer for one year without detectable loss of activity. Avoid repeated freeze-thaw cycles.

IMAGES



IHC (Immunohistochemistry)
DAB staining on IHC-P; Samples: Human Liver Tissue



IHC (Immunohistochemistry)
DAB staining on formalin fixed paraffin-embedded Brain tissue

**WB (Western Blot)**

Western Blot: Sample: Recombinant protein.

**WB (Western Blot)**

Western Blot: Sample: Mouse Skeletal muscle lysate; Primary Ab: 1ug/ml Rabbit Anti-Human CaN Antibody Second Ab: 0.2ug/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody

NCBI AND UNIPROT INFORMATION

NCBI GI #	6715568
NCBI GeneID	5530
NCBI Accession #	NP_000935.1
NCBI GenBank Nucleotide #	NM_000944.4
UniProt Accession #	Q08209; Q8TAW9; A1A441; A8K3B7; A8W6Z7; A8W6Z8; B5BUA2
Molecular Weight	51,245 Da
NCBI Official Full Name	serine/threonine-protein phosphatase 2B catalytic subunit alpha isoform isoform 1
NCBI Official Synonym Full Names	protein phosphatase 3 catalytic subunit alpha
NCBI Official Symbol	PPP3CA
NCBI Official Synonym Symbols	CALN; CCN1; CNA1; CALNA; IECEE; PPP2B; CALNA1
NCBI Protein Information	serine/threonine-protein phosphatase 2B catalytic subunit alpha isoform
UniProt Protein Name	Serine/threonine-protein phosphatase 2B catalytic subunit alpha isoform
UniProt Gene Name	PPP3CA
UniProt Synonym Gene Names	CALNA; CNA

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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