

Rabbit CEND1 Polyclonal Antibody | anti-CEND1 antibody

CEND1 Polyclonal Antibody

CATALOG # AAA174807	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS ELISA, Immunohistochemistry
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PRODUCT SYNONYMS

CEND1; Polyclonal Antibody; CEND1 Polyclonal Antibody; BM88; BM88 antigen; Cell cycle exit and neuronal differentiation 1; Cell cycle exit and neuronal differentiation protein 1; FLJ90066; MGC34326; anti-CEND1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen Affinity Purification
Form/Format	PBS with 0.05% NaN ₃ and 40% Glycerol, pH7.4
Concentration	0.5mg/mL (varies by lot)
Sequence Length	149
Applicable Applications for anti-CEND1 antibody	ELISA, IHC (Immunohistochemistry)
Immunogen	Synthetic peptide of human CEND1
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human prostate cancer tissue using CEND1 Polyclonal Antibody at dilution of 1:30(×200)



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human liver cancer tissue using CEND1 Polyclonal Antibody at dilution of 1:30(×200)

ADDITIONAL INFORMATION

Related Product Information for anti-CEND1 antibody	BM88, also known as CEND1 (cell cycle exit and neuronal differentiation protein 1), is a 149 amino acid protein that belongs to the CEND1 family. Involved in neuroblastoma cell differentiation, BM88 is a single-pass type IV membrane protein that is neuron specific. It is suggested that BM88 forms a dimer of two identical polypeptides linked by disulfide bridges. BM88 has a central proline-rich region containing four PxxP motifs, which typically bind SRC homology-3 (SH3) domains, as well as a putative C-terminal transmembrane region, and several potential sites for N-glycosylation, myristoylation and phosphorylation. It is also suggested that a novel signaling mechanism exists by which BM88 interferes with calcium release from inositol 1,4,5-trisphosphate-sensitive stores and exerts anti-proliferative and anti-apoptotic functions. BM88 is an important molecular target for HDAC inhibition, and transcription of BM88 is induced by trichostatin-A.
Product Categories/Family for anti-CEND1 antibody	Cancer; Cell Biology; Neuroscience; Tags & Cell Markers

NCBI AND UNIPROT INFORMATION

NCBI GI #	30795225
NCBI GeneID	51286
NCBI Accession #	NP_057648.2
NCBI GenBank Nucleotide #	NP_057648.2
UniProt Accession #	Q8N111
NCBI Official Full Name	cell cycle exit and neuronal differentiation protein 1
NCBI Official Synonym Full Names	cell cycle exit and neuronal differentiation 1
NCBI Official Symbol	CEND1
NCBI Official Synonym Symbols	BM88
NCBI Protein Information	cell cycle exit and neuronal differentiation protein 1
UniProt Protein Name	Cell cycle exit and neuronal differentiation protein 1
UniProt Gene Name	CEND1
UniProt Synonym Gene Names	BM88
UniProt Entry Name	CEND_HUMAN

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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Online datasheet: <https://stage.aaabiotech.com/polyclonal/cend1-antibody-immunohistochemistry-elisa/174807>