

Anti-CEND1 antibody

Cat. No.	ml263429
Package	25 µl/100 µl/200 µl
Storage	-20°C, pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol

Product overview

Description	Anti-CEND1 rabbit polyclonal antibody
Applications	ELISA, WB, IHC
Immunogen	Synthetic peptide of human CEND1
Reactivity	Human, Mouse, Rat
Content	0.9 mg/ml
Host species	Rabbit
Ig class	Immunogen-specific rabbit IgG
Purification	Antigen affinity purification

Target information

Symbol	CEND1
Full name	cell cycle exit and neuronal differentiation 1

Synonyms	BM88
Swissprot	Q8N111

Target Background

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.

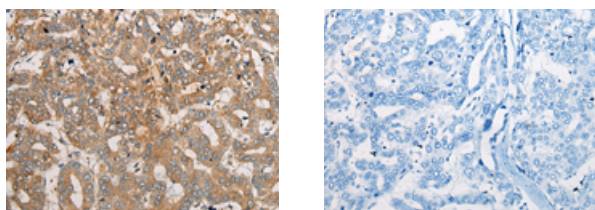
Applications

Immunohistochemistry

Predicted cell location: Cytoplasm

Positive control: Human liver cancer

Recommended dilution: 40-200



The image on the left is immunohistochemistry of paraffin-embedded Human liver cancer tissue using ml263429(CEND1 Antibody) at dilution 1/50, on the right is treated with synthetic peptide. (Original magnification: ×200)

Western blotting

Predicted band size: 15 kDa

Positive control: Mouse brain tissue, Rat brain tissue and Human cerebrum tissue lysates

Recommended dilution: 500-2000

订购热线: 4008-898-798

Gel: 12%SDS-PAGE

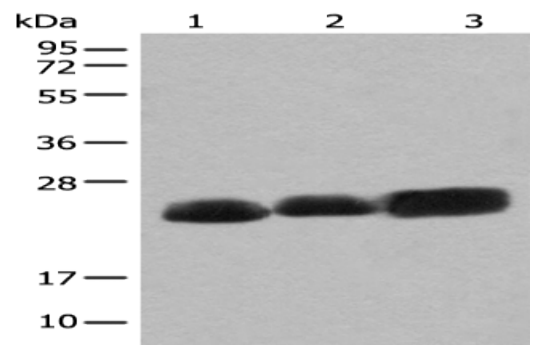
Lysate: 40 µg

Lane 1-3: Mouse brain tissue, Rat brain tissue and Human cerebrum tissue lysates

Primary antibody: ml263429(CEND1 Antibody) at dilution 1/500

Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution

Exposure time: 40 seconds



ELISA

Recommended dilution: 5000-10000

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