

Nur für Forschungszwecke

CAPN2 Monoklonaler Antikörper

Katalog-Nr.:66977-1-Ig **2 Publikationen**



Allgemeine Informationen

Katalog-Nr.: 66977-1-Ig	GenBank-Zugangsnummer: BC021303	Reinigungsmethode: Protein-G-Reinigung
Größe: 150ul , Konzentration: 1900 µg/ml von824 Nanodrop und 1000 µg/ml durch die Bradford-Methode mit BSA als Standard;	GeneID (NCBI): calpain 2, (m/II) large subunit	CloneNo.: 1E1F10
Wirt: Maus	Berechnete Masse: 700 aa, 80 kDa	Empfohlene Verdünnungen: WB 1:1000-1:6000 IF 1:400-1:1600
Isotyp: IgG1	Beobachtete Masse: 72-80 kDa	
Immunogen Katalognummer: AG28427		

Anwendungen

Geprüfte Anwendungen: IF, WB, ELISA	Positivkontrollen: WB : HeLa-Zellen, HEK-293-Zellen, HepG2-Zellen, humanes Plazenta-Gewebe, NIH/3T3-Zellen
In Publikationen genannte Anwendungen: IF, WB	IF : HepG2-Zellen,
Getestete Reaktivität: Human, Maus, Ratte	
Zitierte Arten: Human, Maus	

Hintergrundinformationen

Calpain 2(Calpain-2 catalytic subunit) is also named as CANPL2, CANPml, mCANP, FLJ39928 and belongs to the peptidase C2 family. N-terminal sequencing of CAPN2 purified from human liver indicates that the N-terminal methionine is removed, resulting in a mature 699-amino acid subunit with a calculated molecular mass of 79.9 kD(PMID:2852952). It is a calcium-regulated non-lysosomal thiol-protease which catalyzes limited proteolysis of substrates involved in cytoskeletal remodelling and signal transduction. It has 2 isoforms produced by alternative splicing with the molecular weight of 80 kDa and 71 kDa.

Bemerkenswerte Veröffentlichungen

Verfasser	Pubmed ID	Journal	Anwendung
Jonasz Jeremiasz Weber	35482253	Cell Mol Life Sci	IF
Fengming Shen	35498131	Oxid Med Cell Longev	WB

Lagerung

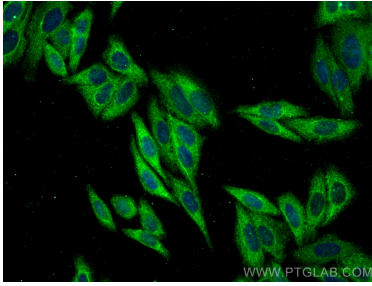
Lagerungsbedingungen:
Bei -20°C lagern. Nach dem Versand ein Jahr lang stabil
Lagerungspuffer:
PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.
Aliquotieren ist nicht notwendig bei -20°C Lagerung

*** 20ul-Größen enthalten 0.1% BSA

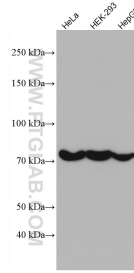
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
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Ausgewählte Validierungsdaten



Immunofluorescent analysis of (-20°C Methanol) fixed HepG2 cells using CAPN2 antibody (66977-1-Ig, Clone: 1E1F10) at dilution of 1:800 and CoraLite@488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L).



Various lysates were subjected to SDS PAGE followed by western blot with 66977-1-Ig (CAPN2 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.