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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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CAST purified MaxPab mouse polyclonal antibody (B02P) MaxPab®

Catalog # : H00000831-B02P

規格 : [50 ug]

[List All](#)

Specification

Product Description: Mouse polyclonal antibody raised against a full-length human CAST protein.

Immunogen: CAST (NP_775083.1, 1 a.a. ~ 686 a.a) full-length human protein.

Sequence:
 MNPTETKAVKTEPEKKSQSTKLSVVEKKSQEGKPKHEHTEPKSLPKQAS
 DTGSNDAHNNKAVSRSAEQQPSEKSTEPKTKPQDMISAGGESVAGITAIS
 GKPGDKKKEKSLTPAVPVESKPKPSGKSGMDAALDDLIDTLGGPEET
 EEENTTYTGPEVSDPMSSTYIEELGKREVTIPPKYRELLAKKEGITGPPAD
 SSKPIGPDDAIDALSSDFTCGSPTAAGKKTEKEESTEVLKAQSAGTVRSA
 APPQEKKRVEKDTMSDQALEALSASLGTRQAEPELRLRSIKEVDEAKA
 KEEKLEKCGEDDETIPSEYRLKPATDKDGGKPLPEPEEKPKPRSESELIDE
 LSEDFDRSECKEKPSKPTTEESKAAAPAPVSEAVCRTSMCSIQSAPPE
 PATLKGTVPDDAVEALADSLGKKEADPEDGKPVMDKVKEKAKEEDREKL
 GEKEETIPPDYRLEEVDKDKGKPLLPKESKEQLPPMSEDFLLDALSEDFS
 GPQNASSLKFEDAKLAAAISEVVSQTPASTTQAGAPPRDTSQSDKDLDD
 ALDKLSDSLGQRQDPDENKPMEDKVKEKAKAEHRDKLGERDDTIPPEY
 RHLLDDNGQDKPVKPPTKKSEDSKPKADDQDPIDALSGDLDCPSTTET
 SQNTAKDKCKKAASSKAPKNGGKAKDSAKTTEETSKPKDD

Host: Mouse

Reactivity: Human

Quality Control Testing: Antibody reactive against mammalian transfected lysate.

Storage Buffer: In 1x PBS, pH 7.4

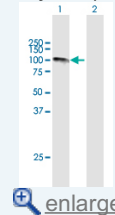
Storage Instruction: Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.


MSDS:  [Download](#)

Datasheet:  [Download](#)

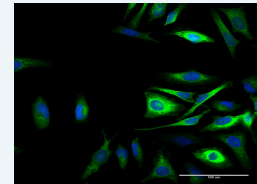
Application Image


Western Blot (Transfected lysate)



 [enlarge](#)

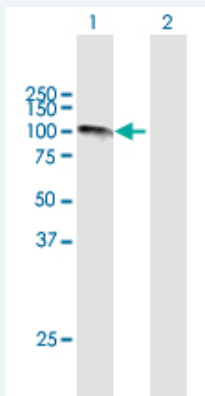
Immunofluorescence



 [enlarge](#)

Applications

Western Blot (Transfected lysate)



Western Blot analysis of CAST expression in transfected 293T cell line (H00000831-T02)

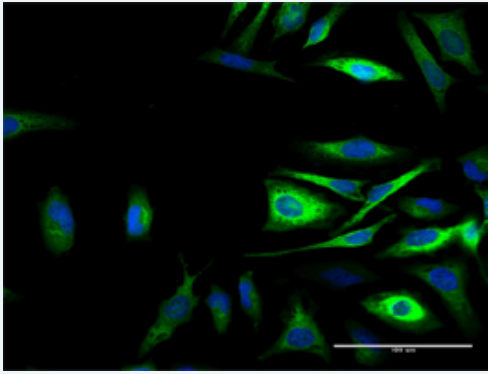
by CAST MaxPab polyclonal antibody.


Lane 1: CAST transfected lysate(75.46 KDa).

Lane 2: Non-transfected lysate.

 [Protocol Download](#)

Immunofluorescence



 [enlarge this image](#)

Immunofluorescence of purified MaxPab antibody to CAST on HeLa cell. [antibody concentration 10 ug/ml]

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Gene Information

Entrez GeneID: [831](#)

GeneBank Accession#: [NM_173060.2](#)

Protein Accession#: [NP_775083.1](#)

Gene Name: CAST

Gene Alias: BS-17,MGC9402

Gene Description: calpastatin

Omim ID: [114090](#)

Gene Ontology: [Hyperlink](#)

Gene Summary: The protein encoded by this gene is an endogenous calpain (calcium-dependent cysteine protease) inhibitor. It consists of an N-terminal domain L and four repetitive calpain-inhibition domains (domains 1-4), and it is involved in the proteolysis of amyloid precursor protein. The calpain/calpastatin system is involved in numerous membrane fusion events, such as neural vesicle exocytosis and platelet and red-cell aggregation. The encoded protein is also thought to affect the expression levels of genes encoding structural or regulatory proteins. Several alternatively spliced transcript variants of this gene have been described, but the full-length natures of only some have been determined. [provided by RefSeq]

Other Designations: OTTHUMP00000158519,OTTHUMP00000158520,calpain inhibitor,heart-type calpastatin,sperm BS-17 component

Related Disease

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