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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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CAST MaxPab mouse polyclonal antibody (B01) MaxPab®

Catalog # : H00000831-B01

規格 : [50 uL]

[List All](#)

Specification

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

Immunogen: CAST (AAH13579, 1 a.a. ~ 667 a.a) full-length human protein.

Sequence:
 MNPTETKAVKTEPEKKSQSTKPKSLPKQASDTGSNDAHNNKAVSRSAEQ
 QPSEKSTEPKTKPQDMISAGGESVAGITAISGKPGDKKKEKSLTPAVPV
 ESKPKPSGKSGMDAALDDLIDTLGGPEETEEENTTYTGPEVSDPMSST
 YIELGKREVTIPPKYRELLAKKEGITGPPADSSKPIGPDDAIDALSSDFTC
 GSPTAAGKKTEKEESTEVLKAQSAGTVRSAAPPQEKKRKRKVEKDTMSDQ
 ALEALSASLGTRQAEPELDLRSIKEVDEAKAKEEKLEKCGEDDETIPSEY
 RLKPATDKDGKPLLPEPEEKPKPRSESELIDELSEDFDRSECKEKPSKPT
 EKTEESKAAAPAPVSEAVCRTSMCSIQSAPPEPATLKGTVPDDAVEALAD
 SLGKKEADPEDGKPVMDKVKEKAKEEDREKLGEEETIPPDYRLEEVKD
 KDGKPLLPKESKEQLPPMSEDFLLDALSEDFSGPQNASSLKFEDAKLAA
 AISEVVSQTPASTTQAGAPPRDTSQSDKLDLDDALDKLSDSLGQRQPDP
 DENKPMEDKVKKEKAKAEHRDKLGERDDTIPPEYRHLLDDNGQDKPVKPP
 TKKSEDSKKPADDQDPIDALSGDLDSCPSTTETSQNTAKDKCKKAASSS
 KAPKNGGKAKDSAKTTEETSKPKDD

Host: Mouse

Reactivity: Human

Quality Control Testing: Antibody reactive against mammalian transfected lysate.

Storage Buffer: No additive

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

Note: For IHC and IF applications, antibody purification with Protein A will be needed prior to use.

MSDS:  [Download](#)

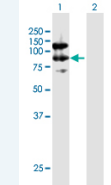
Datasheet:  [Download](#)


Applications

Western Blot (Transfected lysate)

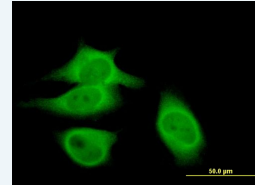
Application Image


Western Blot (Transfected lysate)

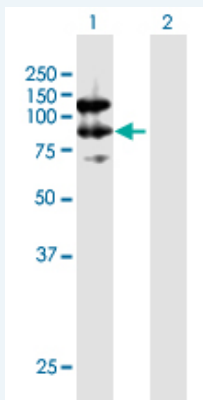


 [enlarge](#)

Immunofluorescence



 [enlarge](#)

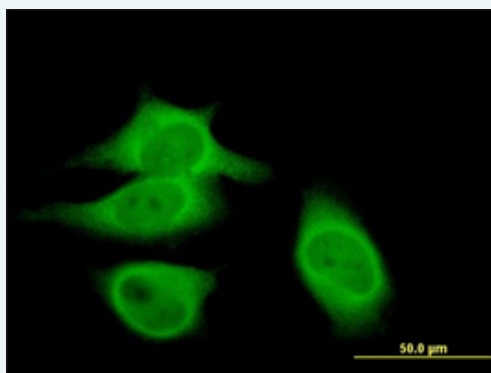


Western Blot analysis of CAST expression in transfected 293T cell line ([H00000831-T01](#)) by CAST MaxPab polyclonal antibody.

Lane 1: CAST transfected lysate(73.37 KDa).
Lane 2: Non-transfected lysate.

[Protocol Download](#)

Immunofluorescence



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

[Protocol Download](#)

Gene Information

Entrez GeneID: [831](#)

GeneBank [BC013579](#)
Accession#:

Protein [AAH13579](#)
Accession#:

Gene Name: CAST

Gene Alias: BS-17,MGC9402

Gene calpastatin
Description:

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

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