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CST3 MaxPab mouse polyclonal antibody (B01) MaxPab®

Catalog # : H00001471-B01

規格 : [50 uL]

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Specification

Product Description: Mouse polyclonal antibody raised against a full-length human CST3 protein.

Immunogen: CST3 (NP_000090.1, 1 a.a. ~ 146 a.a) full-length human protein.

Sequence: MAGPLRAPLLLLLAILAVALAVSPAAGSSPGKPPRLVGGPMDASVEEEGV
RRALDFAVGEYNKASNDMYHSRALQVVRARKQIVAGVNYFLDVELGRTT
CTKTQPNLDNCPFHDQPHLKRKAFCSFQIYAVPWQGTMTLSKSTCQDA

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.

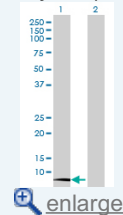
Note: For IHC and IF applications, antibody purification with Protein A will be needed prior to use.

MSDS:  [Download](#)

Datasheet:  [Download](#)

Application Image

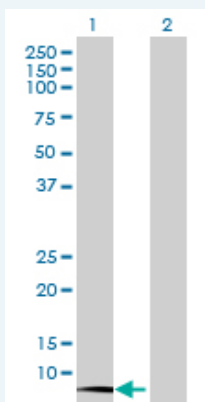
Western Blot (Transfected lysate)



 [enlarge](#)

Applications

Western Blot (Transfected lysate)



Western Blot analysis of CST3 expression in transfected 293T cell line ([H00001471-T01](#)) by CST3 MaxPab polyclonal antibody.

Lane 1: CST3 transfected lysate (16.06 kDa).
Lane 2: Non-transfected lysate.

 [Protocol Download](#)

Gene Information

Entrez GeneID: [1471](#)

**GeneBank
Accession#:** [NM_000099.2](#)

**Protein
Accession#:** [NP_000090.1](#)

Gene Name: CST3

Gene Alias: ARMD11,MGC117328

**Gene
Description:** cystatin C

Omim ID: [105150](#), [604312](#)

Gene Ontology: [Hyperlink](#)

Gene Summary: The cystatin superfamily encompasses proteins that contain multiple cystatin-like sequences. Some of the members are active cysteine protease inhibitors, while others have lost or perhaps never acquired this inhibitory activity. There are three inhibitory families in the superfamily, including the type 1 cystatins (stefins), type 2 cystatins and the kininogens. The type 2 cystatin proteins are a class of cysteine proteinase inhibitors found in a variety of human fluids and secretions, where they appear to provide protective functions. The cystatin locus on chromosome 20 contains the majority of the type 2 cystatin genes and pseudogenes. This gene is located in the cystatin locus and encodes the most abundant extracellular inhibitor of cysteine proteases, which is found in high concentrations in biological fluids and is expressed in virtually all organs of the body. A mutation in this gene has been associated with amyloid angiopathy. Expression of this protein in vascular wall smooth muscle cells is severely reduced in both atherosclerotic and aneurysmal aortic lesions, establishing its role in vascular disease. [provided by RefSeq]

**Other
Designations:** OTTHUMP00000030440,OTTHUMP00000164181,OTTHUMP00000164182,BA218C14.4 (cystatin C),cystatin 3,cystatin C (amyloid angiopathy and cerebral hemorrhage),gamma-trace,neuroendocrine basic polypeptide,post-gamma-globulin

Related Disease

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