

Rabbit anti-Human, Mouse CAST Polyclonal Antibody | anti-CAST antibody

CAST Polyclonal Antibody

CATALOG # AAA281480	HOST Rabbit	REACTIVITY Human, Mouse	APPLICATIONS Immunohistochemistry, Western Blot
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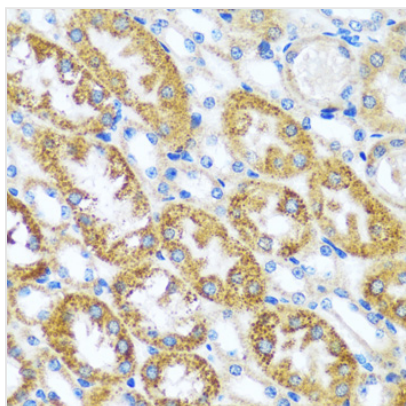
PRODUCT SYNONYMS

CAST; Polyclonal Antibody; CAST Polyclonal Antibody; BS-17; PLACK; calpastatin; anti-CAST antibody

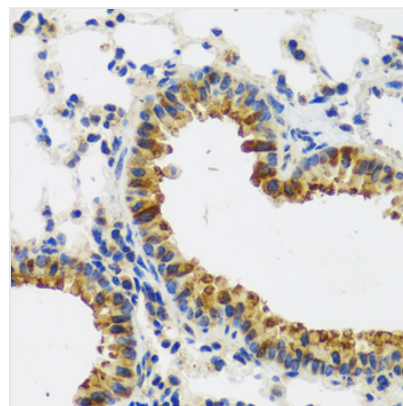
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purification
Form/Format	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Concentration	2.79 mg/ml (varies by lot)
Sequence Length	708
Applicable Applications for anti-CAST antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 406-695 of human CAST (NP_001177371.1).
Immunogen Sequence	PPEPATLKGTVPDDAVEALADSLGKKEADPEDGKPVMDKVKEKAKEEDREKLGEKEETIPPDYRLEEVDKDKGKPLLPKESKEQLPPMSDFLLDALSED
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

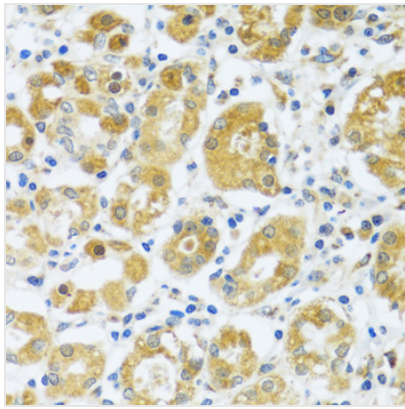
IMAGES



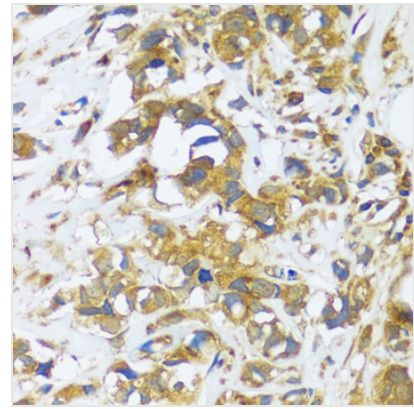
IHC (Immunohistochemistry)
Immunohistochemistry-CAST Polyclonal Antibody



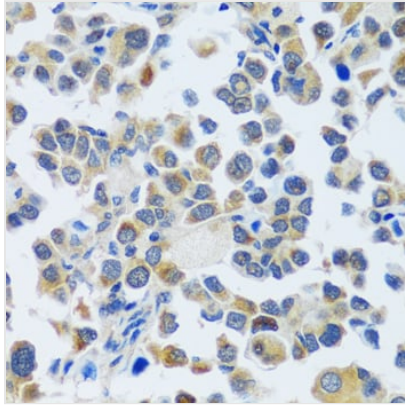
IHC (Immunohistochemistry)
Immunohistochemistry-CAST Polyclonal Antibody



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IHC (Immunohistochemistry)
Immunohistochemistry-CAST Polyclonal Antibody

ADDITIONAL INFORMATION

Related Product Information for anti-CAST antibody

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. Alternatively spliced transcript variants encoding different isoforms have been described.

NCBI AND UNIPROT INFORMATION

NCBI GI #	126302556
NCBI GeneID	831
UniProt Accession #	P20810
Molecular Weight	63kDa; 71- 84kDa
NCBI Official Full Name	Calpastatin
NCBI Official Synonym Full Names	calpastatin
NCBI Official Symbol	CAST
NCBI Official Synonym Symbols	BS-17; PLACK
NCBI Protein Information	calpastatin
UniProt Protein Name	Calpastatin

UniProt Gene Name	CAST
UniProt Entry Name	ICAL_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/cast-antibody-immunohistochemistry-western-blot-elisa/281480>