

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

CAST Polyclonal Antibody

CATALOG # AAA311544	HOST Rabbit	REACTIVITY Human, Mouse	APPLICATIONS Western Blot
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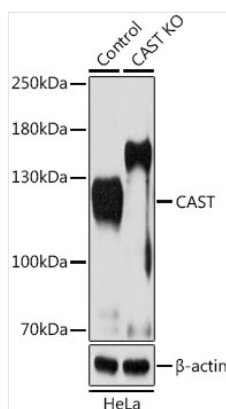
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

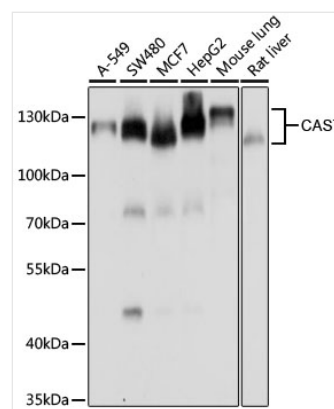
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 50% glycerol, pH7.4
Sequence Length	695
Applicable Applications for anti-CAST antibody	WB (Western Blot)
Immunogen	A synthetic peptide of human CAST (NP_001177371.1).
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



WB (Western Blot)

Western blot analysis of extracts from normal (control) and CAST knockout (KO) HeLa cells, using CAST antibody.



WB (Western Blot)

Western blot analysis of extracts of various cell lines, using CAST 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.
Product Categories/Family for anti-CAST antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	298919189
NCBI GeneID	831
NCBI Accession #	NP_001177371.1
NCBI GenBank Nucleotide #	NP_001177371.1
UniProt Accession #	P20810
Molecular Weight	130kDa
NCBI Official Full Name	calpastatin isoform m
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-western-blot-elisa/311544>