

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

CAST Rabbit pAb

CATALOG # AAA281695	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry, Western Blot
-------------------------------	-----------------------	----------------------------	---

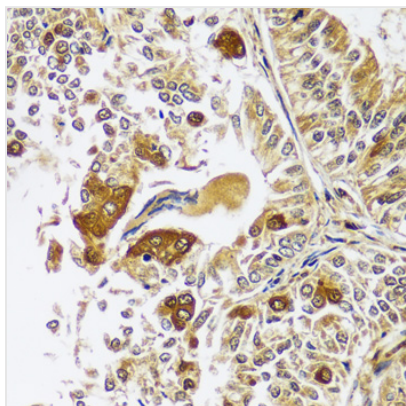
PRODUCT SYNONYMS

CAST; Polyclonal Antibody; CAST Rabbit pAb; BS-17; PLACK; anti-CAST antibody

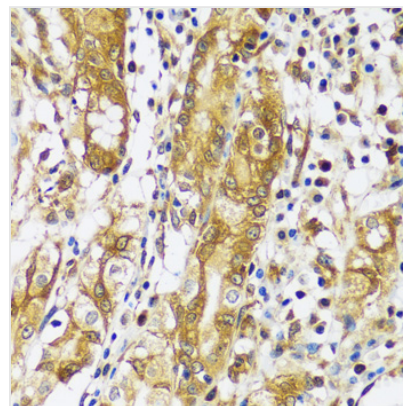
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Sequence	MNPTETKAIP VSQQMEGPHL PNKKKHKKQA VKTEPEKKSQ STKLSVVHEK KSQEGKPKEH TEPKSLPKQA SDTGSNDAHN KKAVERSAAEQ QPSEKSTEPK TKPQDMISAG GESVAGITAI SGKPGDKKKE KKS LTPAVPV ESKPDKPSGK SGMDAALDDL IDTLGGPEET EEENTTYTGP EVSDPMSSTY IEELGKREVT IPPKYRELLA KPIGPDDAID ALSSDFTCGS PTAAGKKTEK EESTEV LKAQ SAGTVRSAAP PQEKKRKVEK DTMSDQALEA LSASLGTRQA EPELDLRSIK EVDEAKAKEE KLEKCGEDDE TIPSEYRLKP ATDKDGKPLL PEPEEKPKPR
Applicable Applications for anti-CAST antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 1-350 of human CAST (NP_001177371.1).
Positive Samples	HeLa, NCI-H460
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

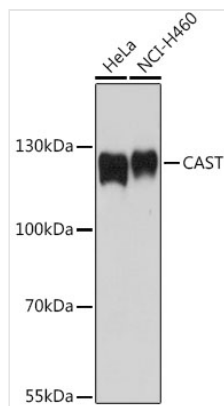
IMAGES


IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human uterine cancer using CAST antibody at dilution of 1:100 (40x lens).


IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human stomach using CAST antibody at dilution of 1:100 (40x lens).



WB (Western Blot)

Western blot analysis of extracts of various cell lines, using CAST antibody at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 90s.

ADDITIONAL INFORMATION

Related Product Information for anti-CAST antibody	Background: 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	Epigenetics & Nuclear Signaling; RNA Binding; Research; Neuroscience; Neurodegenerative Diseases; Amyloid Plaque and Neurofibrillary Tangle Formation in Alzheimer's Disease; Research; Neuroscience; Cell Type Marker; Neuron marker; Research; Neuroscience;

NCBI AND UNIPROT INFORMATION

NCBI GI #	126302556
NCBI GeneID	831
UniProt Accession #	P20810; O95360; Q05DE8; Q7Z4K0; Q96D08; Q9H1Z5; B7Z468; G5E946; G5E9D3
Molecular Weight	708
NCBI Official Full Name	Calpastatin
NCBI Official Synonym Full Names	calpastatin
NCBI Official Symbol	CAST
NCBI Official Synonym Symbols	BS-17
NCBI Protein Information	calpastatin; calpain inhibitor; sperm BS-17 component
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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://www.aaabiotech.com/polyclonal/cast-antibody-immunohistochemistry-western-blot-elisa/281695>