

Rabbit CAPN7 Polyclonal Antibody | anti-CAPN7 antibody

CAPN7 Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA169805	Rabbit	Human, Mouse, Rat	Immunohistochemistry, Western Blot, ELISA

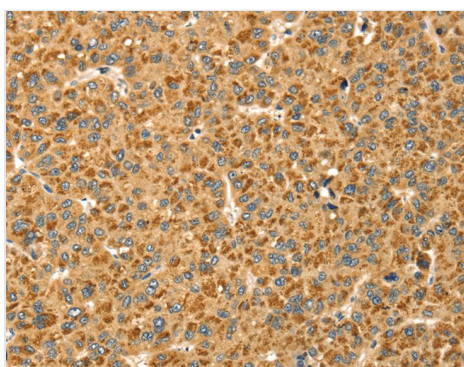
PRODUCT SYNONYMS

CAPN7; Polyclonal Antibody; CAPN7 Polyclonal Antibody; PALBH; CALPAIN7; anti-CAPN7 antibody

PRODUCT SPECIFICATIONS

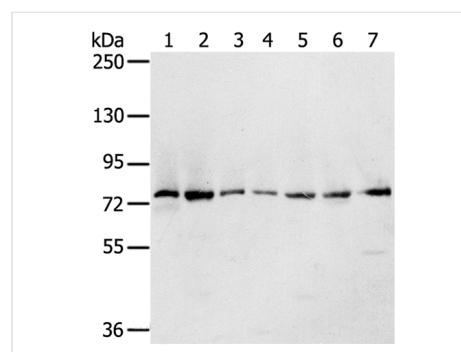
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen affinity purification
Concentration	0.9mg/mL (varies by lot)
Sequence Length	813
Applicable Applications for anti-CAPN7 antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen	Recombinant protein of human CAPN7
Buffer	PBS with 0.05% sodium azide, 50% glycerol, pH7.3
Preparation and Storage	Store at -20 degree C (regular) and -80 degree C (long term). Avoid freeze / thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human liver cancer using CAPN7 Polyclonal Antibody at dilution of 1:20



WB (Western Blot)

Western Blot analysis of Human normal liver and Mouse liver tissue, Mouse intestines and pancreas tissue, hepg2 and HT-29 cell, Mouse heart tissue using CAPN7 Polyclonal Antibody at dilution of 1:200

ADDITIONAL INFORMATION

Related Product Information for anti-CAPN7 antibody	Calpains are ubiquitous, well-conserved family of calcium-dependent, cysteine proteases. The calpain proteins are heterodimers consisting of an invariant small subunit and variable large subunits. The large subunit possesses a cysteine protease domain, and both subunits possess calcium-binding domains. Calpains have been implicated in neurodegenerative processes, as their activation can be triggered by calcium influx and oxidative stress. The function of the protein encoded by this gene is not known. An orthologue has been found in mouse but it seems to diverge from other family members. The mouse orthologue is thought to be calcium independent with protease activity.
Product Categories/Family for anti-CAPN7 antibody	Cell Biology

NCBI AND UNIPROT INFORMATION

NCBI GI #	7656959
NCBI GeneID	23473
NCBI Accession #	NP_055111.1
NCBI GenBank Nucleotide #	NM_014296.2
Molecular Weight	92,652 Da
NCBI Official Full Name	calpain-7
NCBI Official Synonym Full Names	calpain 7
NCBI Official Symbol	CAPN7
NCBI Official Synonym Symbols	PALBH; CALPAIN7
NCBI Protein Information	calpain-7; calpain like protease; homolog of Aspergillus Nidulans PALB; palB homolog
UniProt Protein Name	Calpain-7
UniProt Gene Name	CAPN7
UniProt Synonym Gene Names	PALBH; PalBH
UniProt Entry Name	CAN7_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/capn7-antibody-immunohistochemistry-western-blot-elisa/169805>