

Rabbit Calpain 5 Polyclonal Antibody | anti-CAPN5 antibody

Polyclonal Antibody to Calpain 5 (CAPN5)

CATALOG # AAA145621	HOST Rabbit	REACTIVITY Mouse, Human, Rat	APPLICATIONS ELISA, Immunohistochemistry, Immunocytochemistry, Western Blot
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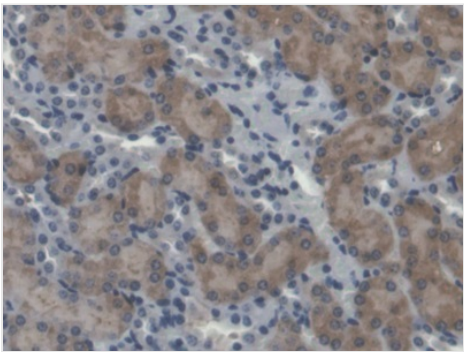
PRODUCT SYNONYMS

Calpain 5; Polyclonal Antibody; Polyclonal Antibody to Calpain 5 (CAPN5); HTRA3; nCL3; Calpain htra-3; New calpain 3; anti-CAPN5 antibody

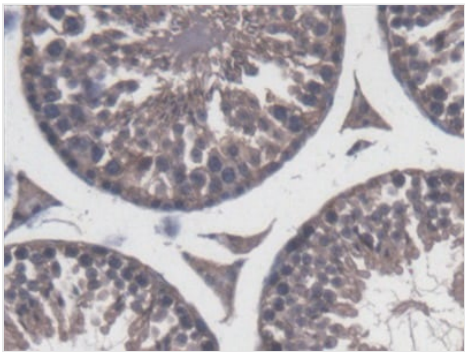
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Mouse, Human, Rat
Clonality	Polyclonal
Specificity	The antibody is a rabbit polyclonal antibody raised against CAPN5. It has been selected for its ability to recognize CAPN5 in immunohistochemical staining and western blotting.
Purity/Purification	Affinity Chromatography
Form/Format	Supplied as solution form in PBS, pH7.4, Containing 0.02% NaN ₃ , 50% glycerol.
Concentration	500ug/mL (varies by lot)
Sequence Length	640
Applicable Applications for anti-CAPN5 antibody	ELISA, IHC (Immunohistochemistry), ICC (Immunocytochemistry), WB (Western Blot)
Fragment	CAPN5 (Leu26~Ile343)
Conjugate	No Conjugate
Cross Reactivity	Mouse
Immunoglobulin Type	IgG
Quality Control	Content: The quality control contains recombinant CAPN5 (Leu26~Ile343) disposed in loading buffer. Usage: 10uL per well when 3,3'-Diaminobenzidine(DAB) as the substrate. 5uL per well when used in enhanced chemilumescient (ECL). Note: The quality control is specifically manufactured as the positive control. Not used for other purposes. Loading Buffer: 100mM Tris(pH8.8), 2% SDS, 200mM NaCl, 50% glycerol,BPB 0.01%, NaN ₃ 0.02%.
Conjugated Antibody	The APC conjugated antibody version of this item is also available as
Preparation and Storage	Store at 4 degree C for frequent use. Stored at -20 degree C in a manual defrost freezer for one year without detectable loss of activity. Avoid repeated freeze-thaw cycles.

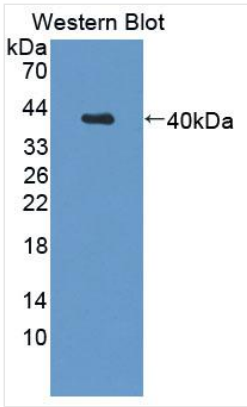
IMAGES



IHC (Immunohistochemisry)
DAB staining on IHC-P; Samples: Mouse Kidney Tissue



IHC (Immunohiostchemistry)
DAB staining on fromalin fixed paraffin- embedded brain tissue



WB (Western Blot)
Western Blot; Sample: Recombinant protein.

NCBI AND UNIPROT INFORMATION

NCBI GI #	669174628
NCBI GeneID	12337
NCBI Accession #	NP_001288179.1
NCBI GenBank Nucleotide #	NM_001301250.1
UniProt Accession #	O08688; Q91YU0
Molecular Weight	72,955 Da
NCBI Official Full Name	calpain-5
NCBI Official Synonym Full Names	calpain 5
NCBI Official Symbol	Capn5
NCBI Official Synonym Symbols	nCL-3
NCBI Protein Information	calpain-5
UniProt Protein Name	Calpain-5
UniProt Gene Name	Capn5
UniProt Synonym Gene Names	Ncl3; nCL-3

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.

