

Rabbit anti-Human, Mouse Kallikrein 11 (KLK11) Polyclonal Antibody | anti-KLK11 antibody

Polyclonal Antibody to Kallikrein 11 (KLK11)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA20306	Rabbit	Human, Mouse	Immunocytochemistry, Immunohistochemistry, ELISA, Western Blot

PRODUCT SYNONYMS

Kallikrein 11 (KLK11); Polyclonal Antibody; Polyclonal Antibody to Kallikrein 11 (KLK11); anti-KLK11 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Specificity	The antibody is a rabbit polyclonal antibody raised against KLK11. It has been selected for its ability to recognize KLK11 in immunohistochemical staining and western blotting.
Purity/Purification	Affinity Chromatography
Form/Format	Supplied as solution form in PBS, pH7.4, containing 0.02% Na ₃ , 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence	Antigen: The target protein is fused with N-terminal tags, His-tag and T7-tag and its sequence is listed below. MGSSHHHH HHSSGLVPRG SHMASMTGGQ QMGRGSEF-I LLALATGLVG GETRIKGF CKPHSQPWQA ALFEKTRLLC GATLIAPRWL LTAHCLKPR YIVHLGQHN LQKEEGCEQTR TATESFPHPG FNNSLPNKDH RNDIMLVKMA SPVSITWAVR PTLSSRCVT AGTSLISGW GSTSSPQLRL PHLRCANIT IIEHQKCENA YPGNITDTMV CASVQEGGKD SCQGDGGPL V
Sequence Length	275
Applicable Applications for anti-KLK11 antibody	ICC (Immunocytochemistry), IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Application Notes	Western blotting: 1:100-400 Immunocytochemistry in formalin fixed cells: 1:100-500 Immunohistochemistry in formalin fixed frozen section: 1:100-500 Immunohistochemistry in paraffin section: 1:50-200 Enzyme-linked Immunosorbent Assay: 1:100-200
Immunogen	Recombinant KLK11 (Ile39-Asn282) expressed in E.coli.
Cross Reactivity	Human, Mouse
Preparation and Storage	Store at 4 degree C for frequent use. Stored at -20 degree C to -80 degree C in a manual defrost freezer for one year without detectable loss of activity. Avoid repeated freeze-thaw cycles.

IMAGES



Knockout Validation

Knockout Validation: Lane 1: Wild-type K562 cell lysate; Lane 2: KLK11 knockout K562 cell lysate; Predicted MW: 30kd Observed MW: 40kd Primary Ab: 2ug/ml Rabbit Anti-Human KLK11 Antibody Second Ab: 0.2ug/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody (Human.



WB (Western Blot)

Western Blot: Sample: Lane1: Mouse Thymus Tissue; Lane2: Mouse Skin Tissue; Lane3: Human K562 Cells.

ADDITIONAL INFORMATION

Product Categories/Family for anti-KLK11 antibody	Knock-Out Validation Antibody
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NCBI AND UNIPROT INFORMATION

NCBI GI #	209862865
NCBI GeneID	11012
NCBI Accession #	NP_001129504.1
NCBI GenBank Nucleotide #	NM_001136032.2
UniProt Accession #	Q9UBX7; O75837; Q0WXX5; Q8IXD7; Q9NS65
Molecular Weight	30,166 Da
NCBI Official Full Name	kallikrein-11 isoform 1
NCBI Official Synonym Full Names	kallikrein related peptidase 11
NCBI Official Symbol	KLK11
NCBI Official Synonym Symbols	TLSP; PRSS20
NCBI Protein Information	kallikrein-11
UniProt Protein Name	Kallikrein-11
UniProt Gene Name	KLK11
UniProt Synonym Gene Names	PRSS20; TLSP; hK11

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.