

Rabbit KLB Polyclonal Antibody | anti-KLB antibody

KLB antibody - middle region

CATALOG # AAA200286	HOST Rabbit	REACTIVITY Tested Species Reactivity: Human Predicted Species Reactivity: Human, Mouse, Rat, Cow, Dog, Guinea Pig, Horse, Pig, Rabbit	APPLICATIONS Western Blot, Immunohistochemistry
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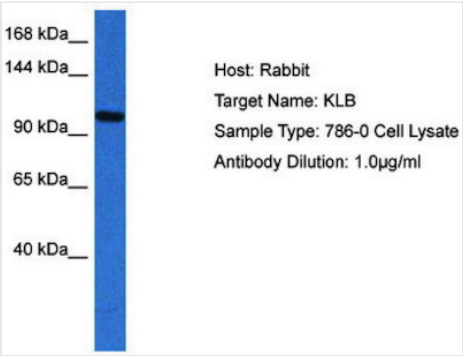
PRODUCT SYNONYMS

KLB; Polyclonal Antibody; KLB antibody - middle region; anti-KLB antibody

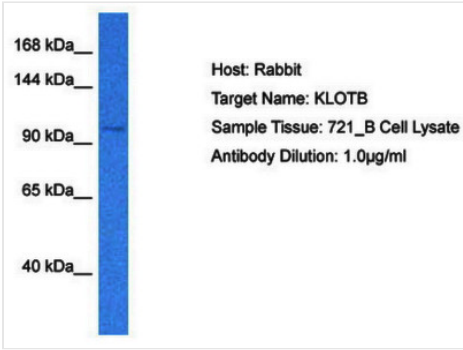
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Tested Species Reactivity: Human Predicted Species Reactivity: Human, Mouse, Rat, Cow, Dog, Guinea Pig, Horse, Pig, Rabbit
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Concentration	0.5 mg/ml (varies by lot)
Sequence	Synthetic peptide with the following sequence: DA YTIIRGLFYV DFNSKQKERK PKSSAHYYKQ IIRENGFSLK ESTPDVQG
Sequence Length	1044
Applicable Applications for anti-KLB antibody	WB (Western Blot), IHC (Immunohistochemistry)
Homology	Cow: 100%; Dog: 93%; Guinea Pig: 85%; Horse: 93%; Human: 100%; Mouse: 100%; Pig: 93%; Rabbit: 86%; Rat: 100%
Immunogen	The immunogen is a synthetic peptide directed towards the middle region of human KLB
Protein Size (# AA)	1044 amino acids
Protein Interactions	FGF21;
Enhanced Validation	WB Y SPR Y CHAROS
Blocking Peptide	For anti-KLB antibody is Catalog #
Preparation and Storage	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

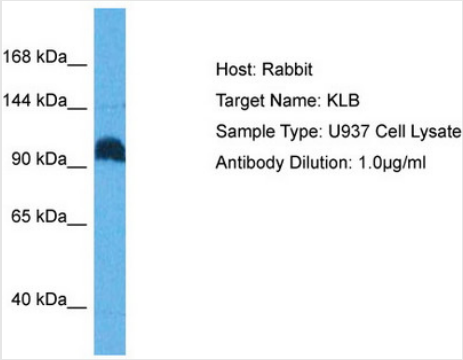
IMAGES



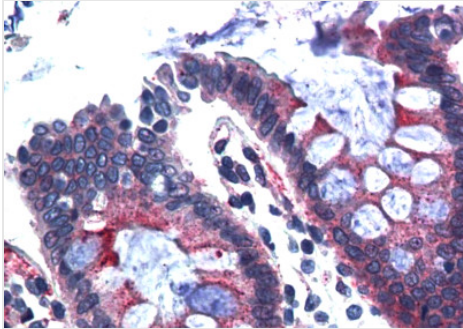
WB (Western Blot)
Host: RabbitTarget Name: KLBSample Tissue: Human 786-0 Whole CellAntibody Dilution: 1ug/ml



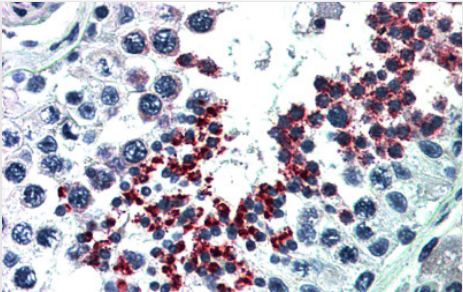
WB (Western Blot)
Host: RabbitTarget Name: KLOTBSample Type: 721_B Whole Cell lysatesAntibody Dilution: 0.5ug/ml



WB (Western Blot)
Host: RabbitTarget Name: KLBSample Tissue: Human U937 Whole CellAntibody Dilution: 1ug/ml.



IHC (Immunohiostchemistry)
Immunohistochemistry of formalin-fixed, paraffin-embedded human colon tissue after heat-induced antigen retrieval. Antibody concentration 10 ug/ml.



IHC (Immunohistochemistry)
Human Testis; Immunohistochemistry of formalin-fixed, paraffin-embedded human testis tissue after heat-induced antigen retrieval. Antibody concentration 10 ug/ml.

ADDITIONAL INFORMATION

Related Product Information for anti-KLB antibody	This is a rabbit polyclonal antibody against KLB. It was validated on Western Blot using a cell lysate as a positive control. Target Description: KLB is a single-pass type III membrane protein. It contributes to the transcriptional repression of cholesterol 7-alpha-hydroxylase (CYP7A1), the rate-limiting enzyme in bile acid synthesis. KLB is probably inactive as a glycosidase. It increases the ability of FGFR1 and FGFR4 to bind FGF21.
Product Categories/Family for anti-KLB antibody	Polyclonal; Signal Proteins; Lymphocyte Signaling; Membrane Protein; Drugs and Drug Metabolism; Developmental Biology; Immunohistochemistry; Receptors

NCBI AND UNIPROT INFORMATION

NCBI GI #	28376633
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NCBI GeneID	152831
NCBI Accession #	NP_783864
NCBI GenBank Nucleotide #	NM_175737
UniProt Accession #	Q86Z14
Molecular Weight	120kDa
NCBI Official Full Name	beta-klotho
NCBI Official Synonym Full Names	klotho beta
NCBI Official Symbol	KLB
NCBI Official Synonym Symbols	BKL
NCBI Protein Information	beta-klotho
UniProt Protein Name	Beta-klotho
UniProt Gene Name	KLB
UniProt Synonym Gene Names	BKL; BetaKlotho

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://www.aaabiotech.com/polyclonal/klb-antibody-western-blot-immunohistochemistry-elisa/200286>