

Rabbit Pthlh Polyclonal Antibody | anti-PTHLH antibody

Pthlh antibody - middle region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA197685	Rabbit	Cow, Dog, Goat, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Sheep	Western Blot, Immunohistochemistry

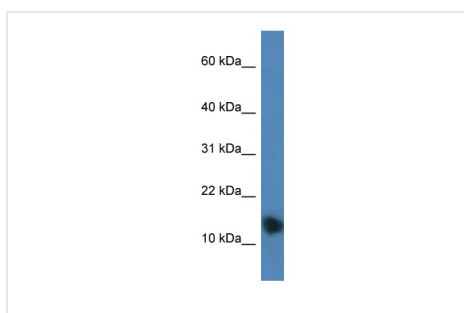
PRODUCT SYNONYMS

Pthlh; Polyclonal Antibody; Pthlh antibody - middle region; anti-PTHLH antibody

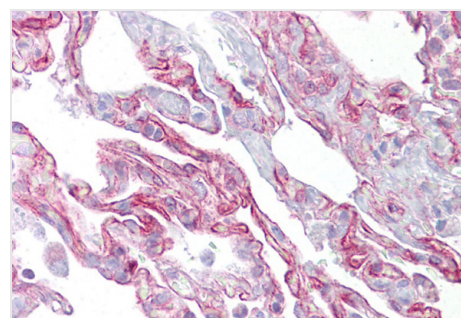
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Cow, Dog, Goat, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Sheep
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.
Sequence	Synthetic peptide with the following region: EV SPNSKPAPNT KNHPVRFSGD DEGRYLTQET NKVETYKEQP LKTPGKKK
Sequence Length	175
Applicable Applications for anti-PTHLH antibody	WB (Western Blot), IHC (Immunohistochemistry)
Homology	Cow: 100%; Dog: 100%; Goat: 100%; Guinea Pig: 100%; Horse: 85%; Human: 100%; Mouse: 100%; Rabbit: 100%; Rat: 100%; Sheep: 100%
Immunogen	The immunogen is a synthetic peptide corresponding to a region of Mouse
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES


WB (Western Blot)

WB Suggested Anti-Pthlh Antibody Titration: 1 ug/ml Positive Control: Mouse Brain lysate


IHC (Immunohistochemistry)

Immunohistochemistry with Lung tissue at an antibody concentration of 5ug/ml using anti-Pthlh antibody

ADDITIONAL INFORMATION

Related Product Information for anti-PTH LH antibody	This is a rabbit polyclonal antibody against Pthlh. It was validated on Western Blot Target Description: Pthlh is a neuroendocrine peptide which is a critical regulator of cellular and organ growth, development, migration, differentiation and survival and of epithelial calcium ion transport. It regulates endochondral bone development and epithelial-mesenchymal interactions during the formation of the mammary glands and teeth. It is required for skeletal homeostasis. It promotes mammary mesenchyme differentiation and bud outgrowth by modulating mesenchymal cell responsiveness to BMPs. It upregulates BMPR1A expression in the mammary mesenchyme and this increases the sensitivity of these cells to BMPs and allows them to respond to BMP4 in a paracrine and/or autocrine fashion. BMP4 signaling in the mesenchyme, in turn, triggers epithelial outgrowth and augments MSX2 expression, which causes the mammary mesenchyme to inhibit hair follicle formation within the nipple sheath.
Product Categories/Family for anti-PTH LH antibody	Polyclonal; Transcription Factor; Transcription Regulation; Transcription Regulation; Cell Biology; Immunohistochemistry; GPCR; Transcription Factors; Cell Differentiation

NCBI AND UNIPROT INFORMATION

NCBI GI #	148747356
NCBI GeneID	19227
NCBI Accession #	NP_032996
NCBI GenBank Nucleotide #	NM_008970
UniProt Accession #	P22858
Molecular Weight	16kDa
NCBI Official Full Name	parathyroid hormone-related protein preproprotein
NCBI Official Synonym Full Names	parathyroid hormone-like peptide
NCBI Official Symbol	Pthlh
NCBI Official Synonym Symbols	PLP; Pthrp; PTH-like
NCBI Protein Information	parathyroid hormone-related protein
UniProt Protein Name	Parathyroid hormone-related protein
UniProt Gene Name	Pthlh
UniProt Synonym Gene Names	Pthrp; PTH-rP; PTHrP; PLP

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/pthlh-antibody-western-blot-immunohistochemistry-elisa/197685>