

Rabbit MLST8 Polyclonal Antibody | anti-MLST8 antibody

MLST8 Antibody

CATALOG # AAA306260	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot
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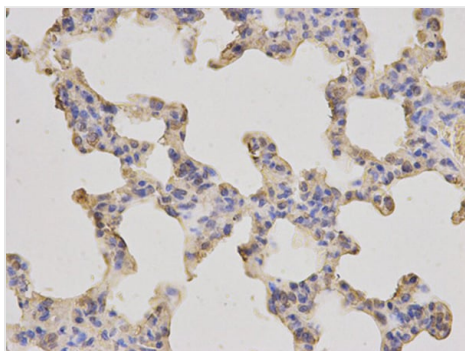
PRODUCT SYNONYMS

MLST8; Polyclonal Antibody; MLST8 Antibody; GBL; LST8; MGC111011; POP3; WAT1; anti-MLST8 antibody

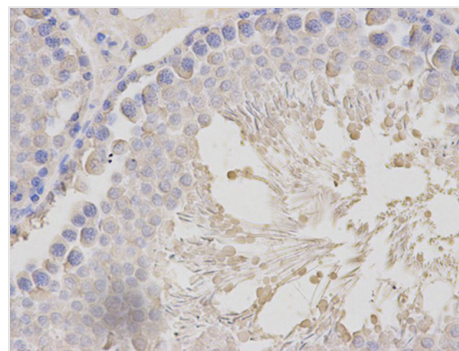
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Specificity	The antibody detects endogenous level of total MLST8 protein.
Purity/Purification	Antibodies were purified by affinity purification using immunogen.
Form/Format	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1.0 mg/ml (varies by lot)
Sequence Length	326
Applicable Applications for anti-MLST8 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen Type	Recombinant Protein
Immunogen Description	Recombinant protein of human MLST8.
Target Name	MLST8
Preparation and Storage	Store at -20 degree C

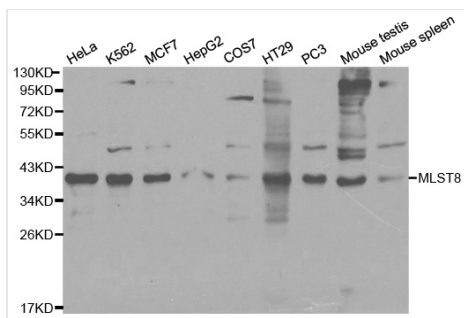
IMAGES


IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded rat lung using MLST8 antibody at dilution of 1:200 (400x lens).


IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded rat testis using MLST8 antibody at dilution of 1:200 (400x lens).



WB (Western Blot)

Western blot analysis of extracts of various cell lines, using MLST8 antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-MLST8 antibody	Cell growth is a fundamental biological process whereby cells accumulate mass and increase in size. The mammalian Target of Rapamycin (mTOR) pathway regulates growth by coordinating energy and nutrient signals with growth factor-derived signals (1). mTOR is a large protein kinase with two different complexes. One complex contains mTOR, GbL, and raptor, which is a target of rapamycin. The other complex, insensitive to rapamycin, includes mTOR, GbL, and rictor (1). GbL associates with the kinase domain of mTOR and stimulates mTOR kinase activity (2). A reduction in GbL expression has been shown to decrease in vivo phosphorylation of S6K1 (2).
Product Categories/Family for anti-MLST8 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	312596910
NCBI GeneID	64223
NCBI Accession #	NP_001186102.1
NCBI GenBank Nucleotide #	NM_001199173.1
UniProt Accession #	Q9BVC4; Q5M800; Q86Y18; Q8WUI5; Q9HA66; Q9UJV6; B3KMM4; B4DY00; D3DU88
Molecular Weight	35,748 Da
NCBI Official Full Name	target of rapamycin complex subunit LST8 isoform a
NCBI Official Synonym Full Names	MTOR associated protein, LST8 homolog
NCBI Official Symbol	MLST8
NCBI Official Synonym Symbols	GBL; LST8; POP3; WAT1; GbetaL
NCBI Protein Information	target of rapamycin complex subunit LST8
UniProt Protein Name	Target of rapamycin complex subunit LST8
UniProt Gene Name	MLST8
UniProt Synonym Gene Names	GBL; LST8; TORC subunit LST8; Gable; Protein GbetaL; mLST8
UniProt Entry Name	LST8_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/mlst8-antibody-immunohistochemistry-western-blot-elisa/306260>