

Rabbit anti-Human LTA Polyclonal Antibody | anti-LTA antibody

LTA Antibody (Center)

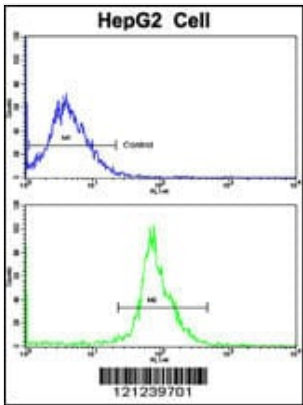
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA286871	Rabbit	Human	Flow Cytometry, Functional Assay, Immunohistochemistry, ELISA, Western Blot

PRODUCT SYNONYMS

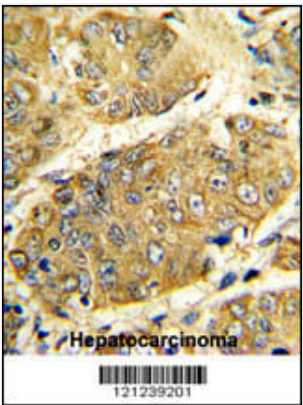
LTA; Polyclonal Antibody; LTA Antibody (Center); Lymphotoxin-alpha; LT-alpha; TNF-beta; Tumor necrosis factor ligand superfamily member 1; TNFB; TNFSF1; anti-LTA antibody

PRODUCT SPECIFICATIONS

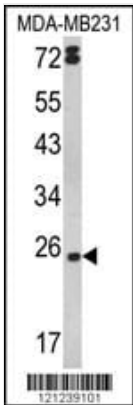
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This LTA antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 46-72 amino acids from the Central region of human LTA.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	46-72
Sequence Length	205
Applicable Applications for anti-LTA antibody	FCM/FACS (Flow Cytometry), IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.



FCM/FACS (Flow Cytometry)
Flow cytometric analysis of HepG2 cells using LTA Antibody (Center)(bottom histogram) compared to a negative control cell (top histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



IHC (Immunohistochemistry)
Formalin-fixed and paraffin-embedded human hepatocarcinoma reacted with LTA Antibody (Center), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.



WB (Western Blot)
Western blot analysis of LTA Antibody (Center) in MDA-MB231 cell line lysates (35ug/lane). LTA (arrow) was detected using the purified Pab.

ADDITIONAL INFORMATION

Related Product Information for anti-LTA antibody	LTA, a member of the tumor necrosis factor family, is a cytokine produced by lymphocytes. The protein is highly inducible, secreted, and forms heterotrimers with lymphotoxin-beta which anchor lymphotoxin-alpha to the cell surface. This protein also mediates a large variety of inflammatory, immunostimulatory, and antiviral responses, is involved in the formation of secondary lymphoid organs during development and plays a role in apoptosis.
Product Categories/Family for anti-LTA antibody	Cancer; Immunology; Signal Transduction
References	Buonaguro,L., et.al., J. Virol. 66 (12), 7159-7167 (1992) Fukushima,K., et.al., Arch. Biochem. Biophys. 304 (1), 144-153 (1993)

NCBI AND UNIPROT INFORMATION

NCBI GI #	6806893
NCBI GeneID	4049
NCBI Accession #	NP_000586.2; NP_001153212.1
NCBI GenBank Nucleotide #	NM_000595.3
UniProt Accession #	P01374; Q8N4C3; Q9UKS8

Molecular Weight	22297
NCBI Official Full Name	lymphotoxin-alpha
NCBI Official Synonym Full Names	lymphotoxin alpha
NCBI Official Symbol	LTA
NCBI Official Synonym Symbols	LT; TNFB; TNFSF1
NCBI Protein Information	lymphotoxin-alpha
UniProt Protein Name	Lymphotoxin-alpha
UniProt Gene Name	LTA
UniProt Synonym Gene Names	TNFB; TNFSF1; LT-alpha
UniProt Entry Name	TNFB_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://www.aaabiotech.com/polyclonal/lta-antibody-flow-cytometry-immunohistochemistry-western-blot-elisa/286871>