

Rabbit anti-Human LIGHT Polyclonal Antibody | anti-TNFSF14 antibody

Anti-LIGHT Antibody, Rabbit Polyclonal

CATALOG # AAA257017	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry
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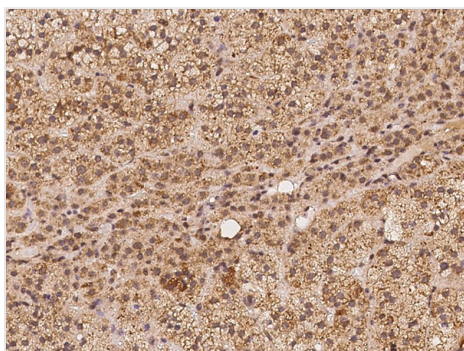
PRODUCT SYNONYMS

LIGHT; Polyclonal Antibody; Anti-LIGHT Antibody; Rabbit Polyclonal; LIGHT/TNFSF14 Antibody; Rabbit PAb; Antigen Affinity Purified; tumor necrosis factor (ligand) superfamily; member 14; Anti-CD258 Antibody; Anti-HVEML Antibody; Anti-LTg Antibody; Anti-TR2 Antibody; anti-TNFSF14 antibody

PRODUCT SPECIFICATIONS

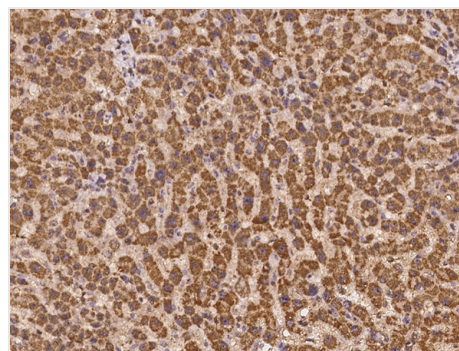
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Human LIGHT/TNFSF14
Purity/Purification	Protein A & Antigen Affinity
Form/Format	Liquid; PBS, pH7.0 with 0.03% Proclin300
Applicable Applications for anti-TNFSF14 antibody	IHC (Immunohistochemistry)
Immunogen	E Coli-derived Human LIGHT/TNFSF14 fragment
Conjugation	Unconjugated
Preparation	Produced in rabbits immunized with E Coli-derived Human LIGHT/TNFSF14 fragment, and purified by antigen affinity chromatography.
Preparation and Storage	This antibody can be stored at 2-8 degree C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20 degree C to -80 degree C. Avoid repeated freeze-thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunochemical staining of human TNFSF14 in human adrenal gland with rabbit polyclonal antibody at 1:100 dilution, formalin-fixed paraffin embedded sections.



IHC (Immunohistochemistry)

Immunochemical staining of human TNFSF14 in human liver with rabbit polyclonal antibody at 1:100 dilution, formalin-fixed paraffin embedded sections.

ADDITIONAL INFORMATION

Related Product Information for anti-TNFSF14 antibody	LIGHT, also known as TNFSF14 or CD258, is a newly identified member of the TNF superfamily (TNFSF14) that is expressed by activated T lymphocytes, monocytes, granulocytes, spleen cells, and immature dendritic cells. TNFSF14/LIGHT/CD258 is a type II transmembrane protein that is known to bind 2 membrane-bound TNFSF signaling receptors: HVEM, which is predominantly expressed by T cells, and lymphotoxin beta receptor (LTbetaR), which is expressed by stromal cells and nonlymphoid hematopoietic cells. TNFSF14/LIGHT/CD258 also binds to a soluble non-signaling receptor, decoy receptor 3 (DcR3), which can modulate the function of LIGHT in vivo. TNFSF14/LIGHT/CD258 can also costimulate T cell responses via HVEM, which is constitutively expressed in most lymphocyte subpopulations, including CD4+ and CD8+ T cells. In addition, TNFSF14/LIGHT/CD258 has been shown to suppress tumor formation in vivo and to induce tumor cell apoptosis via the up-regulation of intercellular adhesion molecule 1 and an increased lymphocyte adhesion to cancer cells. Thus, TNFSF14/LIGHT/CD258 is being actively investigated as a possible basis for cancer treatment.
Product Categories/Family for anti-TNFSF14 antibody	Cancer Drug Targets
References	Ogawa T, et al. (2010) CXCR3 binding chemokine and TNFSF14 over expression in bladder urothelium of patients with ulcerative interstitial cystitis. J Urol. 183(3): 1206-12.Kanodia S, et al. (2010) Expression of LIGHT/TNFSF14 combined with vaccination against human papillomavirus Type 16 E7 induces significant tumor regression. Cancer Res. 70(10): 3955-64.Hosokawa Y, et al. (2010) TNFSF14 coordinately enhances CXCL10 and CXCL11 productions from IFN-gamma-stimulated human gingival fibroblasts. Mol Immunol. 47(4): 666-70.

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/light-antibody-immunohistochemistry-elisa/257017>