

Rabbit anti-Human CCL15 Polyclonal Antibody | anti-CCL15 antibody

Anti-CCL15 Antibody

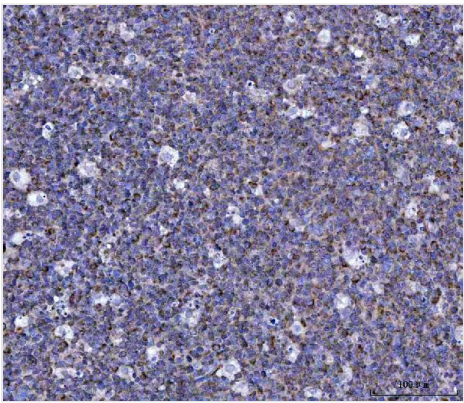
CATALOG # AAA127309	HOST Rabbit	REACTIVITY Human	APPLICATIONS ELISA, Immunohistochemistry
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PRODUCT SYNONYMS

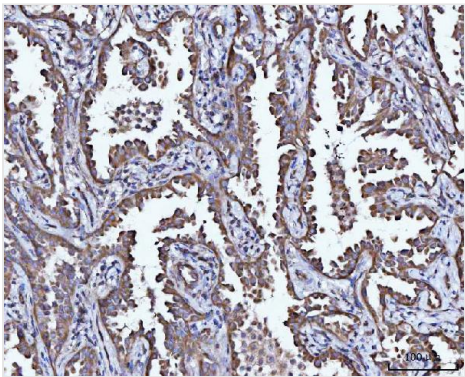
CCL15; Polyclonal Antibody; Anti-CCL15 Antibody; Serine protease HTRA3; dynein light chain Tctex-type 1; Dynein light chain Tctex-type 1; Protein CW-1; T-complex testis-specific protein 1 homolog; DYNLT1; TCTEL1; TCTEX-1; TCTEX1; anti-CCL15 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Expressed in heart, placenta, skeletal muscle kidney, pancreas, spleen, prostate, testis, ovary, ileum and colon.Expressed in lung endothelial and smooth muscle cells (at protein level).
Purity/Purification	Immunogen affinity purified.
Form/Format	Lyophilized. Each vial contains 4 mg Trehalose, 0.9 mg NaCl, 0.2 mg Na ₂ HPO ₄ .
Applicable Applications for anti-CCL15 antibody	ELISA, IHC (Immunohistochemistry)
Immunogen	E coli-derived human CCL15 recombinant protein (Position: Q22-I113).
Subcellular Localization	Golgi apparatus. Cytoplasm. Cytoplasm, cytoskeleton, spindle. Localizes to mitotic spindles
Reconstitution	Adding 0.2 ml of distilled water will yield a concentration of 500ug/ml.
Cross Reactivity	No cross-reactivity with other proteins.
Protein Function	Acts as one of several non-catalytic accessory components of the cytoplasmic dynein 1 complex that are thought to be involved in linking dynein to cargos and to adapter proteins that regulate dynein function. Cytoplasmic dynein 1 acts as a motor for the intracellular retrograde motility of vesicles and organelles along microtubules. Binds to transport cargos and is involved in apical cargo transport such as rhodopsin-bearing vesicles in polarized epithelia. May also be a accessory component of axonemal dynein.
Preparation and Storage	At -20 degree C for one year from date of receipt. After reconstitution, at 4 degree C for one month. It can also be aliquotted and stored frozen at -20 degree C for six months.Avoid repeated freezing and thawing.



IHC (Immunohistochemistry)
Figure 2. IHC analysis of CCL15 using anti-CCL15 antibody (AAA127309).CCL15 was detected in a paraffin-embedded section of human tonsil tissue. Heat mediated antigen retrieval was performed in EDTA buffer (pH 8.0, epitope retrieval solution). The tissue section was blocked with 10% goat serum. The tissue section was then incubated with 2ug/ml rabbit anti-CCL15 Antibody (AAA127309) overnight at 4 degree C. Peroxidase Conjugated Goat Anti-rabbit IgG was used as secondary antibody and incubated for 30 minutes at 37 degree C. The tissue section was developed using HRP Conjugated Rabbit IgG Super Vision Assay Kit with DAB as the chromogen.



IHC (Immunohistochemistry)
Figure 1. IHC analysis of CCL15 using anti-CCL15 antibody (AAA127309).CCL15 was detected in a paraffin-embedded section of human lung cancer tissue. Heat mediated antigen retrieval was performed in EDTA buffer (pH 8.0, epitope retrieval solution). The tissue section was blocked with 10% goat serum. The tissue section was then incubated with 2ug/ml rabbit anti-CCL15 Antibody (AAA127309) overnight at 4 degree C. Peroxidase Conjugated Goat Anti-rabbit IgG was used as secondary antibody and incubated for 30 minutes at 37 degree C. The tissue section was developed using HRP Conjugated Rabbit IgG Super Vision Assay Kit with DAB as the chromogen.

ADDITIONAL INFORMATION

Product Categories/Family for anti-CCL15 antibody	Primary Antibodies; Cytoskeleton; Cytoskeleton/ECM; Dynein; Host-Virus Interaction; Interspecies Interaction; Microbiology; Motor Proteins; Signal Transduction
References	1. Coulin, F., Power, C. A., Alouani, S., Peitsch, M. C., Schroeder, J.-M., Moshizuki, M., Clark-Lewis, I., Wells, T. N. C. Characterization of macrophage inflammatory protein-5/human CC cytokine-2, a member of the macrophage-inflammatory-protein family of chemokines. Europ. J. Biochem. 248: 507-515, 1997. 2. Naruse, K., Ueno, M., Satoh, T., Nomiya, H., Tei, H., Takeda, M., Ledbetter, D. H., Van Coillie, E., Opendakker, G., Gunge, N., Sakaki, Y., Iio, M., Miura, R. A YAC contig of the human CC chemokine genes clustered on chromosome 17q11.2. Genomics 34: 236-240, 1996.3. Pardigol, A., Forssmann, U., Zucht, H.-D., Loetscher, P., Schulz-Knappe, P., Baggiolini, M., Forssmann, W.-G., Magert, H.-J. HCC-2, a human chemokine: gene structure, expression pattern, and biological activity. Proc. Nat. Acad. Sci. 95: 6308-6313, 1998.

NCBI AND UNIPROT INFORMATION

NCBI GI #	597709818
NCBI GeneID	6359
NCBI Accession #	NP_116741.2
NCBI GenBank Nucleotide #	NM_032965.5
UniProt Accession #	Q16663; Q9UM74; B2RU34; E1P651
Molecular Weight	12,248 Da
NCBI Official Full Name	C-C motif chemokine 15 preproprotein
NCBI Official Synonym Full Names	chemokine (C-C motif) ligand 15
NCBI Official Symbol	CCL15
NCBI Official Synonym Symbols	LKN1; NCC3; SY15; HCC-2; LKN-1; MIP-5; NCC-3; SCYL3; MIP-1D; MRP-2B; SCYA15; HMRP-2B; MIP-1 delta
NCBI Protein Information	C-C motif chemokine 15; chemokine CC-2; leukotactin 1; macrophage inflammatory protein 5; new CC chemokine 3; small inducible cytokine subfamily A (Cys-Cys), member 15; small-inducible cytokine A15
UniProt Protein Name	C-C motif chemokine 15

UniProt Gene Name	CCL15
UniProt Synonym Gene Names	MIP5; NCC3; SCYA15; HCC-2; LKN-1; MIP-5
UniProt Entry Name	CCL15_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/cc15-antibody-immunohistochemistry-elisa/127309>