

## Rabbit CD40LG Polyclonal Antibody | anti-CD40LG antibody

CD40LG antibody - middle region

| CATALOG # | HOST   | REACTIVITY                                                                                                       | APPLICATIONS                          |
|-----------|--------|------------------------------------------------------------------------------------------------------------------|---------------------------------------|
| AAA197673 | Rabbit | Tested Reactivity: Human<br>Predicted Species Reactivity: Human, Mouse, Rat, Cow, Dog, Horse, Pig, Rabbit, Sheep | Western Blot,<br>Immunohistochemistry |

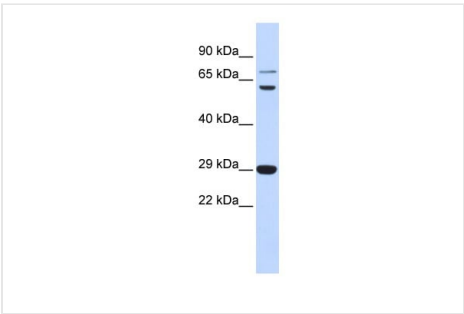
### PRODUCT SYNONYMS

CD40LG; Polyclonal Antibody; CD40LG antibody - middle region; anti-CD40LG antibody

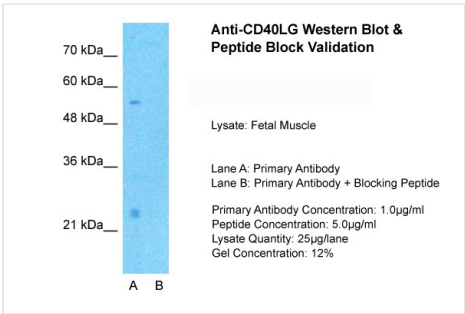
### PRODUCT SPECIFICATIONS

|                                                  |                                                                                                                                         |
|--------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------|
| Host                                             | Rabbit                                                                                                                                  |
| Reactivity                                       | Tested Reactivity: Human<br>Predicted Species Reactivity: Human, Mouse, Rat, Cow, Dog, Horse, Pig, Rabbit, 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.                                       |
| Concentration                                    | 0.5mg/mL (varies by lot)                                                                                                                |
| Sequence                                         | Synthetic peptide with the following region: EN SFEMQKGDQN PQIAAHVISE ASSKTTSVLQ WAEKGYYTMS>NNLVLTLEN                                   |
| Sequence Length                                  | 261                                                                                                                                     |
| Applicable Applications for anti-CD40LG antibody | WB (Western Blot), IHC (Immunohistochemistry)                                                                                           |
| Homology                                         | Cow: 100%; Dog: 100%; Horse: 100%; Human: 100%; Mouse: 83%; Pig: 100%; Rabbit: 92%; Rat: 85%; Sheep: 100%                               |
| Immunogen                                        | The immunogen is a synthetic peptide directed towards the middle region of human CD40LG                                                 |
| Protein Size (#AA)                               | 261 amino acids                                                                                                                         |
| Protein Interactions                             | UBC; TRAF2; TRAF1; CD40; BIRC3; BIRC2; CRYAB; IGHG1; CD5L; CD40LG; TP53; IGKC; RNF128; HPR; APOA1;                                      |
| Preparation and Storage                          | For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles. |

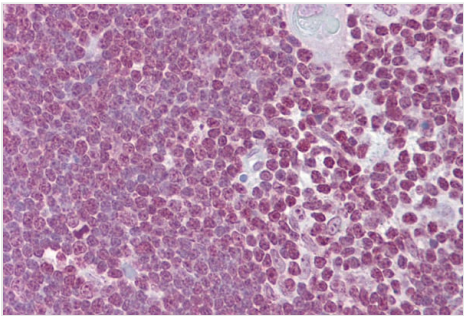
IMAGES



**WB (Western Blot)**  
WB Suggested Anti-CD40LG Antibody Titration: 0.2-1 ug/mlELISA Titer: 1:312500Positive Control: Human Muscle



**WB (Western Blot)**  
Host: RabbitTarget Name: CD40LGSample Type: Human Fetal MuscleLane A: Primary AntibodyLane B: Primary Antibody + Blocking PeptidePrimary Antibody Concentration: 1ug/mlPeptide Concentration: 5ug/mlLysate Quantity: 25ug/lane/laneGel Concentration: 0.12



**IHC (Immunohistochemistry)**  
Immunohistochemistry with Thymus tissue at an antibody concentration of 5ug/ml using anti-CD40LG antibody

ADDITIONAL INFORMATION

|                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-CD40LG antibody | Target Description: CD40LG is expressed on the surface of T cells. It regulates B cell function by engaging CD40 on the B cell surface. A defect in this gene results in an inability to undergo immunoglobulin class switch and is associated with hyper-IgM syndrome.The protein encoded by this gene is expressed on the surface of T cells. It regulates B cell function by engaging CD40 on the B cell surface. A defect in this gene results in an inability to undergo immunoglobulin class switch and is associated with hyper-IgM syndrome. Publication Note: This RefSeq record includes a subset of the publications that are available for this gene. Please see the Entrez Gene record to access additional publications. PRIMARYREFSEQ_SPAN PRIMARY_IDENTIFIER PRIMARY_SPAN COMP 1-1375 BC071754.1 1-1375 1376-1599 X67878.1 1349-1572 1600-1834 BC071754.1 1596-1830 |
| Product Categories/Family for anti-CD40LG antibody   | Polyclonal; Signal Proteins; Lymphocyte Signaling; Cell Adhesion; Membrane Protein; Disease Related; Immunohistochemistry; Cell Differentiation                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |

NCBI AND UNIPROT INFORMATION

|                                  |             |
|----------------------------------|-------------|
| NCBI GI #                        | 4557433     |
| NCBI GeneID                      | 959         |
| NCBI Accession #                 | NP_000065   |
| NCBI GenBank Nucleotide #        | NM_000074   |
| UniProt Accession #              | P29965      |
| Molecular Weight                 | 29kDa       |
| NCBI Official Full Name          | CD40 ligand |
| NCBI Official Synonym Full Names | CD40 ligand |
| NCBI Official Symbol             | CD40LG      |

|                               |                                                                   |
|-------------------------------|-------------------------------------------------------------------|
| NCBI Official Synonym Symbols | IGM; IMD3; TRAP; gp39; CD154; CD40L; HIGM1; T-BAM; TNFSF5; hCD40L |
| NCBI Protein Information      | CD40 ligand                                                       |
| UniProt Protein Name          | CD40 ligand                                                       |
| UniProt Gene Name             | <b>CD40LG</b>                                                     |
| UniProt Synonym Gene Names    | CD40L; TNFSF5; TRAP; CD40-L; TRAP                                 |
| UniProt Entry Name            | CD40L_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/cd40lg-antibody-western-blot-immunohistochemistry-elisa/197673>