

## Goat CLTA / CLTB Polyclonal Antibody | anti-CLTA antibody

Goat Polyclonal to Human CLTA / CLTB

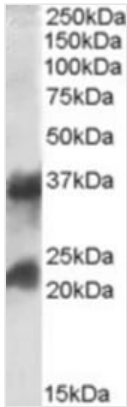
| CATALOG # | HOST | REACTIVITY                                                                                                             | APPLICATIONS                              |
|-----------|------|------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|
| AAA51399  | Goat | Bat, Gibbon, Bovine, Chicken, Dog, Xenopus, Gorilla, Hamster, Horse, Human, Monkey, Mouse, Pig, Rabbit, Rat, Zebrafish | ELISA, Western Blot, Immunohistochemistry |

### PRODUCT SYNONYMS

CLTA / CLTB; Polyclonal Antibody; Goat Polyclonal to Human CLTA / CLTB; Anti-CLTA / CLTB Antibody (Internal) IHC-plus; CLTA/CLTB; Human CLTA; CLTB; anti-CLTA antibody

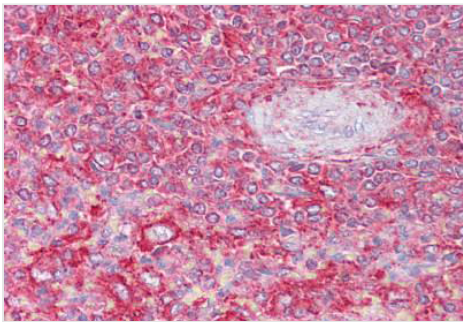
### PRODUCT SPECIFICATIONS

|                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                           | Goat                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Reactivity                                     | Bat, Gibbon, Bovine, Chicken, Dog, Xenopus, Gorilla, Hamster, Horse, Human, Monkey, Mouse, Pig, Rabbit, Rat, Zebrafish                                                                                                                                                                                                                                                                                                                       |
| Clonality                                      | Polyclonal                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Specificity                                    | Human CLTA. This antibody is expected to recognize all reported isoforms of light chains a and b.                                                                                                                                                                                                                                                                                                                                            |
| Purity/Purification                            | Immunoaffinity Purified                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Form/Format                                    | Tris-buffered saline, pH 7.3, 0.5% BSA, 0.02% sodium azide                                                                                                                                                                                                                                                                                                                                                                                   |
| Concentration                                  | 0.5 mg/ml (varies by lot)                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Sequence Length                                | 168                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Applicable Applications for anti-CLTA antibody | ELISA, WB (Western Blot), IHC (Immunohistochemistry)                                                                                                                                                                                                                                                                                                                                                                                         |
| Target Species                                 | Human                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Immunogen Description                          | Synthetic peptide CDFNPKSSQAKD from an internal region of human CLTA (NP_001824.1; NP_009027.1; NP_001070145.1; NP_001825.1; NP_009028.1).                                                                                                                                                                                                                                                                                                   |
| Immunogen Type                                 | Synthetic peptide                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Immunogen                                      | CLTA / CLTB antibody was raised against synthetic peptide CDFNPKSSQAKD from an internal region of human CLTA (NP_001824.1; NP_009027.1; NP_001070145.1; NP_001825.1; NP_009028.1). Percent identity by BLAST analysis: Human, Gorilla, Gibbon, Monkey, Marmoset, Mouse, Rat, Hamster, Elephant, Panda, Dog, Bat, Bovine, Horse, Rabbit, Pig, Opossum, Turkey, Chicken, Platypus, Xenopus, Salmon, Stickleback, Pufferfish, Zebrafish (100%). |
| Antigen Modification                           | Internal                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Preparation and Storage                        | Store at -20 degree C. Minimize freezing and thawing.                                                                                                                                                                                                                                                                                                                                                                                        |



WB (Western Blot)

Antibody (0.1 ug/ml) staining of Human Frontal Cortex lysate (35 ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.



IHC (Immunohistochemistry)

Anti-CLTA/CLTB antibody IHC of human spleen. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody concentration 2.5 ug/ml.

NCBI AND UNIPROT INFORMATION

|                                  |                                                           |
|----------------------------------|-----------------------------------------------------------|
| NCBI GI #                        | 296179386                                                 |
| NCBI GeneID                      | 1211                                                      |
| NCBI Accession #                 | NP_001171690.1                                            |
| NCBI GenBank Nucleotide #        | NM_001184761.1                                            |
| Molecular Weight                 | 17,687 Da                                                 |
| NCBI Official Full Name          | clathrin light chain A isoform e                          |
| NCBI Official Synonym Full Names | clathrin, light chain A                                   |
| NCBI Official Symbol             | CLTA                                                      |
| NCBI Official Synonym Symbols    | LCA                                                       |
| NCBI Protein Information         | clathrin light chain A; clathrin, light polypeptide (Lca) |
| UniProt Protein Name             | Clathrin light chain A                                    |
| UniProt Gene Name                | CLTA                                                      |
| UniProt Synonym Gene Names       | Lca                                                       |
| UniProt Entry Name               | CLCA_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.