

## Rabbit anti-Human ITGBL1 Polyclonal Antibody | anti-ITGBL1 antibody

ITGBL1 Antibody (Center)

| CATALOG # | HOST   | REACTIVITY | APPLICATIONS                                                                |
|-----------|--------|------------|-----------------------------------------------------------------------------|
| AAA283788 | Rabbit | Human      | Flow Cytometry, Functional Assay, Immunohistochemistry, ELISA, Western Blot |

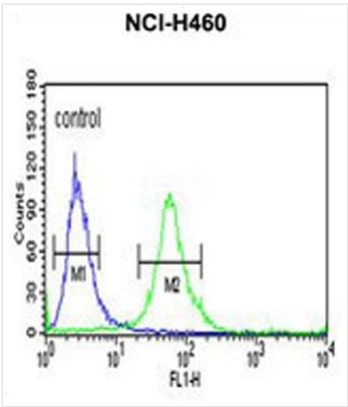
### PRODUCT SYNONYMS

ITGBL1; Polyclonal Antibody; ITGBL1 Antibody (Center); Integrin beta-like protein 1; Osteoblast-specific cysteine-rich protein; Ten integrin EGF-like repeat domain-containing protein; OSCP; TIED; anti-ITGBL1 antibody

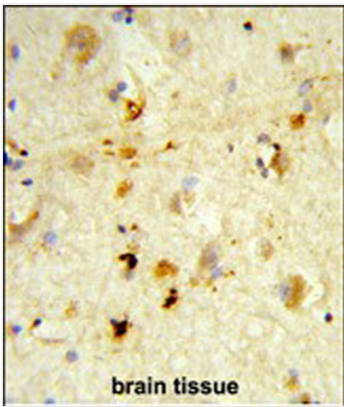
### PRODUCT SPECIFICATIONS

|                                                  |                                                                                                                                                                              |
|--------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                             | Rabbit                                                                                                                                                                       |
| Reactivity                                       | Human                                                                                                                                                                        |
| Clonality                                        | Polyclonal                                                                                                                                                                   |
| Isotype                                          | Rabbit IgG                                                                                                                                                                   |
| Specificity                                      | This ITGBL1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 334-360 amino acids from the Central region of human ITGBL1.        |
| 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                               | 334-360                                                                                                                                                                      |
| Sequence Length                                  | 401                                                                                                                                                                          |
| Applicable Applications for anti-ITGBL1 antibody | FCM/FACS (Flow Cytometry), IHC (Immunohistochemistry), ELISA, WB (Western Blot)                                                                                              |
| Cellular Location                                | Secreted                                                                                                                                                                     |
| Tissue Location                                  | Widely expressed in many tissues, but readily detectable only in aorta                                                                                                       |
| Preparation and Storage                          | Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.                                      |

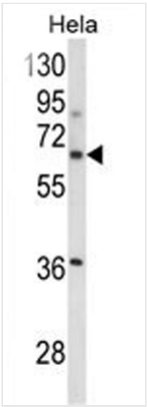
IMAGES



**FCM/FACS (Flow Cytometry)**  
ITGBL1 Antibody (Center) (AAA283788) flow cytometric analysis of NCI-H460 cells (right histogram) compared to a negative control cell (left histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



**IHC (Immunohistochemistry)**  
Formalin-fixed and paraffin-embedded human brain tissue reacted with ITGBL1 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 ITGBL1 Antibody (Center) (AAA283788) in HeLa cell line lysates (35ug/lane). ITGBL1 (arrow) was detected using the purified Pab.

ADDITIONAL INFORMATION

|                                                      |                                                                                                       |
|------------------------------------------------------|-------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-ITGBL1 antibody | Osteoblast specific cysteine-rich protein (OSCP) is integrin, ?like 1 (with EGF-like repeat domains). |
| Product Categories/Family for anti-ITGBL1 antibody   | Signal Transduction                                                                                   |
| References                                           | Berg R.W., et.al., Genomics 56:169-178(1999).                                                         |

NCBI AND UNIPROT INFORMATION

|                           |                                                             |
|---------------------------|-------------------------------------------------------------|
| NCBI GI #                 | 418203909                                                   |
| NCBI GeneID               | 9358                                                        |
| NCBI Accession #          | NP_001258683.1; NP_001258684.1; NP_001258685.1; NP_004782.1 |
| NCBI GenBank Nucleotide # | NM_001271754.1                                              |
| UniProt Accession #       | O95965; Q8N172; Q9NPR0; A8K5M5; B3KTP1; B4DQ02              |
| Molecular Weight          | Calculated MW: 53921                                        |
| NCBI Official Full Name   | integrin beta-like protein 1 isoform 4                      |

|                                  |                                                      |
|----------------------------------|------------------------------------------------------|
| NCBI Official Synonym Full Names | integrin, beta-like 1 (with EGF-like repeat domains) |
| NCBI Official Symbol             | ITGBL1                                               |
| NCBI Official Synonym Symbols    | OSCP; TIED                                           |
| NCBI Protein Information         | integrin beta-like protein 1                         |
| UniProt Protein Name             | Integrin beta-like protein 1                         |
| UniProt Gene Name                | <b>ITGBL1</b>                                        |
| UniProt Synonym Gene Names       | OSCP; TIED                                           |
| UniProt Entry Name               | ITGBL_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/itgb1-antibody-flow-cytometry-immunohistochemistry-western-blot-elisa/283788>