

Rabbit anti-Human, Mouse Coactosin Like Protein 1 Polyclonal Antibody | anti-COTL1 antibody

Polyclonal Antibody to Coactosin Like Protein 1 (COTL1)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA20876	Rabbit	Human, Mouse	Western Blot, Immunocytochemistry, Immunohistochemistry, ELISA

PRODUCT SYNONYMS

Coactosin Like Protein 1; Polyclonal Antibody; Polyclonal Antibody to Coactosin Like Protein 1 (COTL1); anti-COTL1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Specificity	The antibody is a rabbit polyclonal antibody raised against COTL1. It has been selected for its ability to recognize COTL1 in immunohistochemical staining and western blotting.
Purity/Purification	Affinity Chromatography
Form/Format	Liquid
Concentration	500ug/mL (varies by lot)
Applicable Applications for anti-COTL1 antibody	WB (Western Blot), ICC (Immunocytochemistry), IHC (Immunohistochemistry), ELISA
Application Notes	Western blotting: 0.5-2ug/ml Immunocytochemistry in formalin fixed cells: 5-20ug/ml Immunohistochemistry in formalin fixed frozen section: 5-20ug/ml Immunohistochemistry in paraffin section: 5-20ug/ml Enzyme-linked Immunosorbent Assay: 0.05-2ug/ml Optimal working dilutions must be determined by end user.
Fragment	COTL1 (Met1~Glu142)
Organism Species	Homo sapiens (Human)
Cross Reactivity	Human, Mouse
Conjugate	No Conjugate
Immunogen	Recombinant COTL1 (Met1~Glu142) expressed in E Coli.
Preparation and Storage	Store at 4 degree C for frequent use. Stored at -20 degree C to -80 degree C in a manual defrost freezer for one year without detectable loss of activity. Avoid repeated freeze-thaw cycles.

IMAGES



KO (Knockout Validation)
Knockout Validation: Lane 1: Wild-type Hela cell lysate; Lane 2: COTL1 knockout Hela cell lysate; Predicted MW: 16kd Observed MW: 16kd Primary Ab: 1ug/ml Rabbit Anti-Human COTL1 Antibody Second Ab: 0.2ug/mL HRP-Linked Caprine Anti-Rabbit IgG Polyclonal Antibody (Human.



WB (Western Blot)
Western Blot: Sample: Lane1: Human Lung Tissue; Lane2: Human Hela Cells; Lane3: Mouse Placenta Tissue; Lane4: Mouse Kidney Tissue.

ADDITIONAL INFORMATION

Product Categories/Family for anti-COTL1 antibody	Knock-Out Validation Antibody
---	-------------------------------

NCBI AND UNIPROT INFORMATION

NCBI GI #	21624607
NCBI GeneID	23406
NCBI Accession #	NP_066972.1
NCBI GenBank Nucleotide #	NM_021149.3
UniProt Accession #	Q14019; Q86XM5; B2RDU3; D3DUL9
Molecular Weight	15,945 Da
NCBI Official Full Name	coactosin-like protein
NCBI Official Synonym Full Names	coactosin like F-actin binding protein 1
NCBI Official Symbol	COTL1
NCBI Official Synonym Symbols	CLP
NCBI Protein Information	coactosin-like protein
UniProt Protein Name	Coactosin-like protein
UniProt Gene Name	COTL1
UniProt Synonym Gene Names	CLP

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/coactosin-like-protein-1-antibody-western-blot-immunocytochemistry-immunohistochemistry-elisa/20876>