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Product datasheet for TA392699M

COTL1 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB:1:500~1:1000 IHC:1:50~1:200
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Recombinant full length Human COTL1.
Specificity:	COTL1 polyclonal antibody detects endogenous levels of COTL1 protein.
Formulation:	Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2
Concentration:	1mg/ml
Conjugation:	Unconjugated
Storage:	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze-thaw cycles.
Stability:	1 year
Predicted Protein Size:	~ 16 kDa
Gene Name:	coactosin like F-actin binding protein 1
Database Link:	Entrez Gene 23406 Human Q14019
Background:	COTL1 (coactosin-like 1), also known as CLP, is a 142 amino acid cytoplasmic and cytoskeletal protein that belongs to the actin-binding proteins ADF family and coactosin subfamily. Widely expressed, COTL1 was first identified in slime mold and is found at highest levels in kidney, placenta, lung and peripheral blood leukocytes, with low levels found in pancreas, liver and brain. COTL1 is one of many proteins that participate in regulation of Actin's cytoskeleton through a calcium dependent mechanism, but has not been shown to have a direct effect on Actin depolymerization. COTL1 contains one ADF-H domain and interacts with 5-LO (5-lipoxygenase), an enzyme that plays a role in the biosynthesis of leukotriene and is expressed in multiple types of leukocytes.
Synonyms:	CLP; Coactosin-like protein; COTL1

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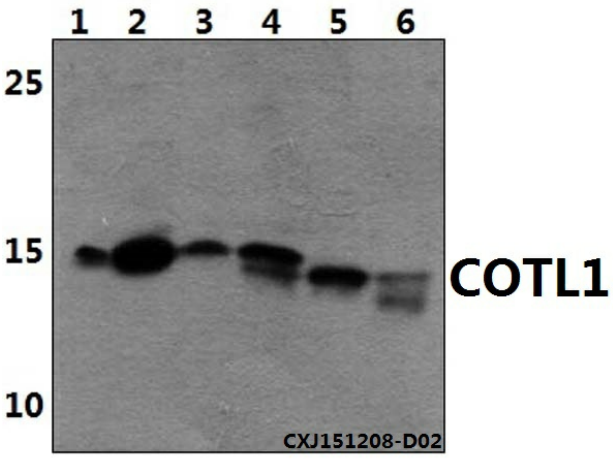
Note: For research use only, not for use in diagnostic procedure.

Product images:



Western blot (WB) analysis of COTL1 polyclonal antibody at 1:500 dilution Lane1:HEK293T whole cell lysate(40ug) Lane2:A549 whole cell lysate(40ug) Lane3:The lung tissue lysate of Mouse(30ug) Lane4:The lung tissue lysate of Rat(30ug) Lane5:The kidney tissue lysate of Mouse(30ug) Lane6:The kidney tissue lysate of Rat(30ug)

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