



# BOC Polyclonal Antibody

<b>Catalog No</b>	YP-Ab-07093
<b>Isotype</b>	IgG
<b>Reactivity</b>	Human;Mouse
<b>Applications</b>	WB;ELISA
<b>Gene Name</b>	BOC UNQ604/PRO1190
<b>Protein Name</b>	Brother of CDO (Protein BOC)
<b>Immunogen</b>	Synthesized peptide derived from human protein . at AA range: 630-710
<b>Specificity</b>	BOC Polyclonal Antibody detects endogenous levels of protein.
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
<b>Source</b>	Polyclonal, Rabbit,IgG
<b>Purification</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Dilution</b>	WB 1:500-2000 ELISA 1:5000-20000
<b>Concentration</b>	1 mg/ml
<b>Purity</b>	≥90%
<b>Storage Stability</b>	-20°C/1 year
<b>Synonyms</b>	
<b>Observed Band</b>	122kD
<b>Cell Pathway</b>	Cell membrane ; Single-pass type I membrane protein . Enriched at sites of cell-cell contact.
<b>Tissue Specificity</b>	Detected in skeletal muscle, heart, thymus, kidney and small intestine. Detected at lower levels in brain, placenta, lung and colon mucosa.
<b>Function</b>	function:Component of a cell-surface receptor complex that mediates cell-cell interactions between muscle precursor cells. Promotes differentiation of myogenic cells.,miscellaneous:The C-terminal cytoplasmic domain is not required for the stimulation of myogenesis.,PTM:N-glycosylated.,similarity:Contains 3 fibronectin type-III domains.,similarity:Contains 4 Ig-like C2-type (immunoglobulin-like) domains.,subcellular location:Enriched at sites of cell-cell contact.,subunit:Part of a complex that contains BOC, CDON, NEO1, cadherins and CTNNB1. Interacts with NTN3 (By similarity). Interacts with CDH2 and CTNNB1. Interacts with CDH15 only during the early stages of myoblast differentiation.,tissue specificity:Detected in skeletal muscle, heart, thymus, kidney and small intestine. Detected at lower levels in brain, placenta, lung and colon mucosa.,
<b>Background</b>	The protein encoded by this gene is a member of the immunoglobulin/fibronectin type III repeat family. It is a component of a cell-surface receptor complex that mediates cell-cell interactions between muscle precursor cells, and promotes myogenic differentiation. Alternative splicing results in multiple transcript variants



encoding different isoforms. [provided by RefSeq, Sep 2014],

**matters needing attention**

Avoid repeated freezing and thawing!

**Usage suggestions**

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

**Products Images**

