



Rabbit Anti-Ecadherin binding protein E7 antibody

SL8386R

Product Name:	Ecadherin binding protein E7
Chinese Name:	上皮钙粘附分子Binding proteinE7
Alias:	c-Cbl-like protein 1; CasBrM (murine) ecotropic retroviral transforming sequence like 1; Casitas B-lineage lymphoma transforming sequence-like protein 1; Casitas B-lineage lymphoma-like 1; Casitas B-lineage lymphoma-transforming sequence-like protein 1; cbl11; E3 ubiquitin-protein ligase Hakai; Ecadherin binding protein E7; FLJ23109; HAKAI; HAKAI_HUMAN; MGC163403; OTTHUMP00000206720; OTTHUMP00000206722; OTTHUMP00000206724; RING finger protein 188; RNF188; MGC163401.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Dog,Pig,Cow,Horse,
Applications:	WB=1:500-2000ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800IF=1:50-200 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	55kDa
Cellular localization:	The nucleus
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human CBLL1/Ecadherin binding protein E7:221-320/491
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of

	antibody the antibody is stable for at least two weeks at 2-4 °C.
PubMed:	PubMed
Product Detail:	<p>CBLL1, also known as HAKAI (meaning ‘destruction’ in Japanese), or RNF188 (RING finger protein 188), is a 491 amino acid protein that contains one C2H2-type zinc finger and one RING-type zinc finger. CBLL1 is believed to function as an E3 ubiquitin-protein ligase that accepts a ubiquitin residue from an E2 ubiquitin-conjugating enzyme and immediately transfers that residue to a protein that is targeted for degradation. More specifically, upon activation of c-Src, CBLL1 interacts with and ubiquitinates tyrosine-phosphorylated E-cadherin, thereby targeting the E-cadherin complex for endocytosis and disrupting epithelial cell-cell contacts. Via its role as an E-cadherin regulator, CBLL1 participates in cell adhesion and may also be involved in the regulation of epithelial-mesenchymal transitions.</p> <p>Function: Promotes ubiquitination of several tyrosine-phosphorylated Src substrates, including CDH1, CTTN and DOK1. Targets CDH1 for endocytosis and degradation (By similarity).</p> <p>Subunit: Homodimer. Interacts with tyrosine-phosphorylated SRC substrates.</p> <p>Similarity: Contains 1 C2H2-type zinc finger. Contains 1 RING-type zinc finger.</p> <p>SWISS: Q75N03</p> <p>Gene ID: 79872</p> <p>Database links: Entrez Gene: 79872Human Entrez Gene: 104836Mouse Entrez Gene: 314028Rat Omim: 606872Human SwissProt: Q75N03Human SwissProt: Q9JIY2Mouse Unigene: 592271Human Unigene: 273270Mouse</p>

Important Note:

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

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