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Product datasheet for AP26398PU-N

CBLL1 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IF, IHC, WB
Recommended Dilution:	Immunohistochemistry on frozen sections: The typical starting working dilution is 1:50. Immunoflourescence: The typical starting working dilution is 1:50. Western blot: The typical starting working dilution is 1:50.
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Specificity:	This antibody reacts with human Hakai, a c-Cbl-like protein.
Formulation:	PBS State: Purified State: Liquid 0.2 µm filtered Ig fraction Stabilizer: 0.1% bovine serum albumin Preservative: 0.02% sodium azide
Concentration:	lot specific
Purification:	Protein A
Conjugation:	Unconjugated
Storage:	Store at 2 - 8 °C.
Stability:	Shelf life: one year from despatch.
Gene Name:	Cbl proto-oncogene like 1
Database Link:	Entrez Gene 79872 Human Q75N03

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Background: Hakai is an E-cadherin binding protein, which has been identified as an E3 ubiquitin-ligase. Hakai contains SH2, RING, zinc-finger and proline-rich domains. Hakai interacts with E-cadherin in a tyrosine phosphorylation-dependent manner, inducing ubiquitination of the E-cadherin complex. Expression of Hakai in epithelial cells disrupts cell-cell contacts and enhances endocytosis of E-cadherin and cell motility. By promoting the endocytosis and dynamic recycling or destruction of E-cadherin complexes, Hakai is able to control epithelial-mesenchymal transitions under physiological and pathological conditions.

Synonyms: HAKAI, c-Cbl-like protein 1, RING finger protein 188