

Product datasheet for **R1502P**

RNF2 (189-201) Goat Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	ELISA, IF, IHC, WB
Recommended Dilution:	ELISA: 1/5,000-1/25,000. Western blot: 1/500-1/2,000. Expect a band approximately 38 kDa in size corresponding to RING1B by in the appropriate cell lysate or extract. Immunofluorescence. Immunohistochemistry on Paraffin Sections (2.5 µg/ml).
Reactivity:	Bovine, Canine, Chimpanzee, Chicken, Frog, Human, Mouse, Orang-Utan, Rat, Zebrafish
Host:	Goat
Clonality:	Polyclonal
Immunogen:	Synthetic peptide corresponding aa 189-201 of Human RING1B protein
Specificity:	This antibody detects RING1B.
Formulation:	0.02M Potassium Phosphate, 0.15M Sodium Chloride, pH 7.2 as buffer and 0.01% (w/v) Sodium Azide as preservative. State: Aff - Purified State: Liquid purified Ig fraction
Concentration:	lot specific
Purification:	Immunoaffinity Chromatography.
Conjugation:	Unconjugated
Storage:	Store vial at -20°C prior to opening. Dilute only prior to immediate use. For extended storage aliquot contents and freeze at -20°C or below. Avoid cycles of freezing and thawing.
Stability:	Shelf life: One year from despatch.
Gene Name:	ring finger protein 2
Database Link:	Entrez Gene 6045 Human Q99496



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Background:

RING1B (also known as BAP1, DING, Polycomb-M33 interacting protein Ring1B, Ring finger protein 1b, Ring finger protein 2 and RNF2) is one of the PcG proteins. The polycomb group (PcG) of proteins form the multiprotein complexes that are important for the transcription repression of various genes involved in development and cell proliferation. It has been shown to interact with, and suppress the activity of, transcription factor CP2 (TFCP2/CP2). Studies of the mouse counterpart suggested the involvement of this gene in the specification of anterior-posterior axis, as well as in cell proliferation in early development. This protein was also found to interact with huntingtin interacting protein 2 (HIP2), a ubiquitin-conjugating enzyme that possesses ubiquitin ligase activity.

Synonyms:

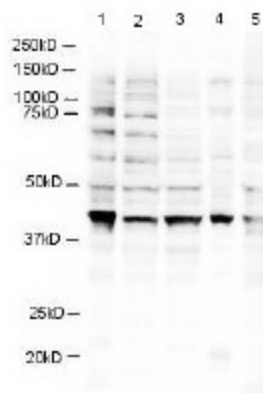
RING finger protein 2, BAP1, BAP-1, DING, HIPI3, RING1B

Note:

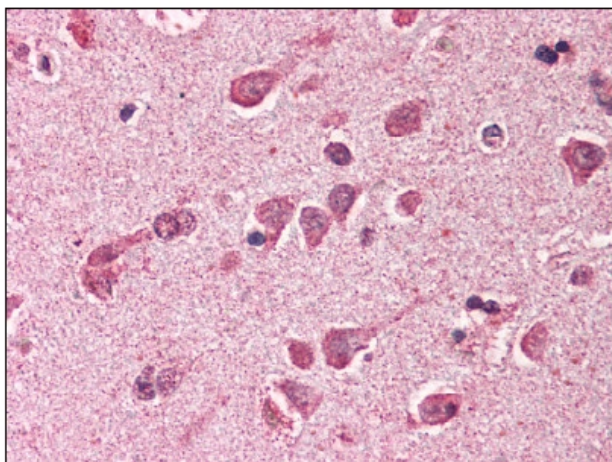
336 aa, predicted MW 37.6 kDa

Protocol:

a	b
c	d

Product images:


Western blot using Affinity Purified anti-RING1B shows detection of a 38 kDa band corresponding to human RING1B in 3T3 (lane 1), U937 (lane 2), Jurkat (lane 3), mouse brain (lane 4) and CHO-K1 (lane 5) cell lysates. Approximately 20 ug of lysate was run on a SDS-PAGE and transferred onto nitrocellulose followed by reaction with a 1:500 dilution of anti-RING1B antibody incubated at room temperature. Signal was detected using standard techniques.



RNF2 antibody staining of Formalin-Fixed, Paraffin-Embedded Human Brain, Cortex at 2.5 ug/ml followed by biotinylated anti-Goat IgG secondary antibody, Alkaline Phosphatase-Streptavidin and Chromogen.