

Anti-RING2 Rabbit pAb

Purified Rabbit Polyclonal Antibody

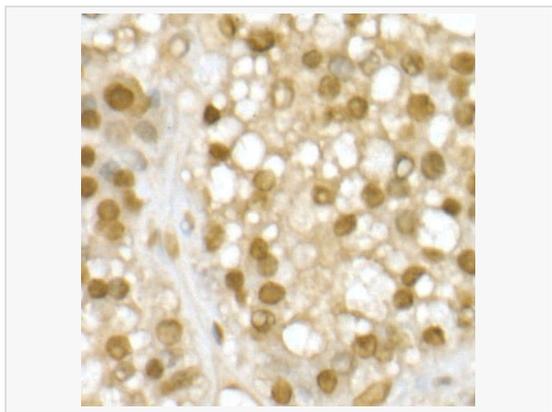
Catalog # P106145

Product Information

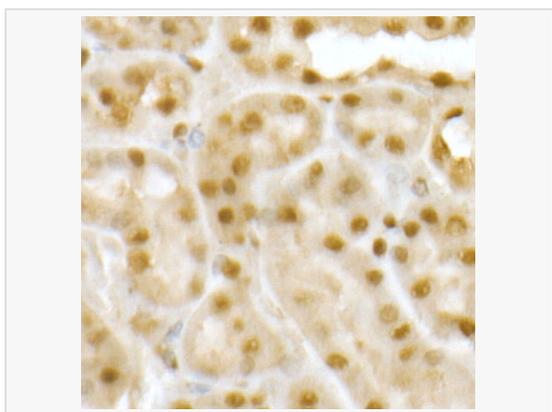
Application	WB, IHC-P/IF (Tissue-P), IF (Cell)/ICC, IP, ELISA, ChIP
Reactivity	Human, Mouse, Rat
Dilution	WB 1:500~1:1,000; IHC-P 1:50~1:200; IF 1:50~1:200; IP 0.5μg-4μg antibody for 200μg-400μg extracts of whole cells; ChIP 5μg antibody for 10μg-15μg of Chromatin
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Label	Unconjugated
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 1-336 of human RING1B/RING1B/RNF2 (NP_009143.1).
Format	Affinity purified polyclonal antibody supplied in PBS with 0.02% sodium azide and 50% glycerol, pH 7.3.
Storage	Shipped on wet ice. Store at -20°C. Stable for 24 months from date of receipt. Aliquoting is unnecessary for -20°C storage.
Precautions	Anti-RING2 Rabbit pAb is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

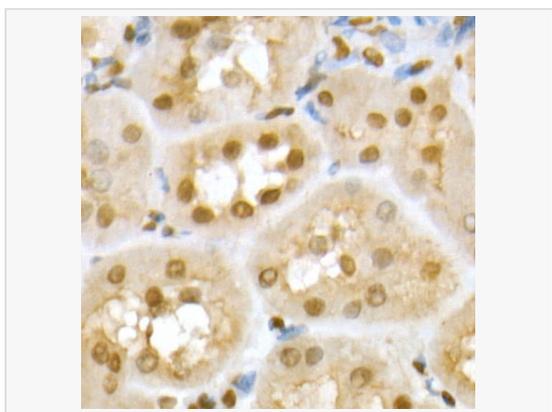
Synonyms	BAP1; DING; BAP-1; HIP13; RING2; LUSYAM; RING1B; RING1B/RNF2.
Calculated MW	Calculated MW: 38 kDa; Observed MW: 41 kDa
Uniprot ID	Q99496
Gene ID	6045
Background	Polycomb group (PcG) of proteins form the multiprotein complexes that are important for the transcription repression of various genes involved in development and cell proliferation. The protein encoded by this gene is one of the PcG proteins. 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), an ubiquitin-conjugating enzyme, and possess ubiquitin ligase activity.



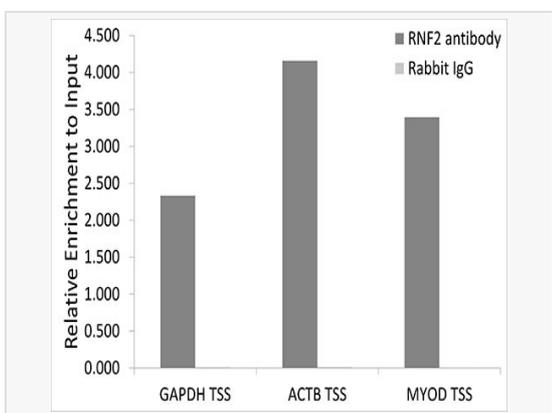
Immunohistochemistry analysis of paraffin-embedded Human liver cancer using RING1B/RNF2 Rabbit pAb (P106145) at dilution of 1:50 (40× lens). High pressure antigen retrieval performed with 0.01M Citrate Bufferr (pH 6.0) prior to IHC staining.



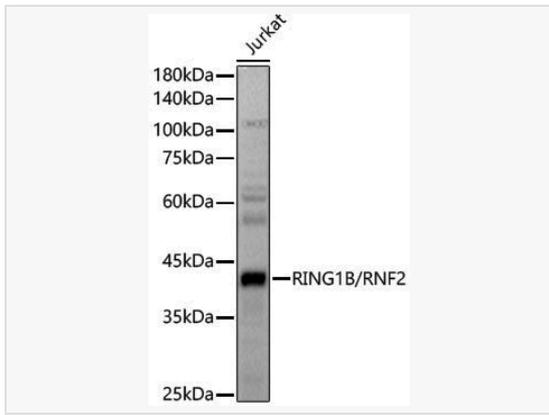
Immunohistochemistry analysis of paraffin-embedded Mouse kidney using RING1B/RNF2 Rabbit pAb (P106145) at dilution of 1:50 (40× lens). High pressure antigen retrieval performed with 0.01M Citrate Bufferr (pH 6.0) prior to IHC staining.



Immunohistochemistry analysis of paraffin-embedded Rat kidney using RING1B/RNF2 Rabbit pAb (P106145) at dilution of 1:50 (40× lens). High pressure antigen retrieval performed with 0.01M Citrate Bufferr (pH 6.0) prior to IHC staining.



Chromatin immunoprecipitation analysis of extracts of HeLa cells, using RING1B/RNF2 antibody (P106145) and rabbit IgG. The amount of immunoprecipitated DNA was checked by quantitative PCR. Histogram was constructed by the ratios of the immunoprecipitated DNA to the input.



Western blot analysis of lysates from Jurkat cells, using RING1B/RNF2 Rabbit pAb (P106145) at 1:400 dilution.

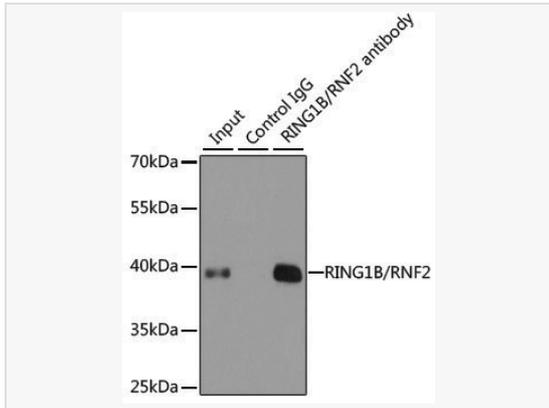
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (LF102) at 1:10,000 dilution.

Lysates/proteins: 25µg per lane.

Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Kit (SQ201).

Exposure time: 1s.



Immunoprecipitation analysis of 200 µg extracts of 293T cells using 1 µg

RING1B/RNF2 antibody (P106145). Western blot was performed from the

immunoprecipitate using RING1B/RNF2 antibody (P106145) at a dilution of 1:1000.