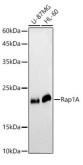
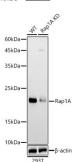


## Ras-Related Protein Rap-1A (RAP1A) Antibody

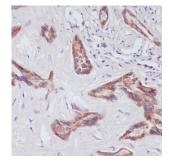
Catalogue No.:abx000928



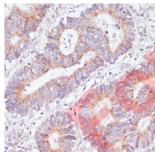
Western blot analysis of various lysates using [KO Validated] Rap1A Antibody at 1/1000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) at 1/10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Exposure time: 90s.



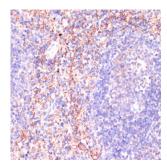
Western blot analysis of lysates from wild type(WT) and Rap1A knockdown (KD) 293T cells, using [KO Validated] Rap1A Antibody at 1/1000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) at 1/10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Exposure time: 90s.



Immunohistochemistry analysis of paraffin-embedded Human liver cancer using [KO Validated] Rap1A Antibody at dilution of 1/100 (40x lens). Microwave antigen retrieval performed in 0.01 M PBS Buffer (pH 7.2) prior to IHC staining.



Immunohistochemistry analysis of paraffin-embedded Human colon carcinoma using [KO Validated] Rap1A Antibody at dilution of 1/100 (40x lens). Microwave antigen retrieval performed in 0.01 M PBS Buffer (pH 7.2) prior to IHC staining.



Immunohistochemistry analysis of paraffin-embedded Mouse spleen using [KO Validated] Rap1A Antibody at dilution of 1/100 (40x lens). Microwave antigen retrieval performed in 0.01 M PBS Buffer (pH 7.2) prior to IHC staining.

## **Datasheet**

Version: 7.0.0

Revision date: 19 Nov 2025



RAP1A Antibody is a Rabbit Polyclonal antibody against RAP1A. This gene encodes a member of the Ras family of small GTPases. The encoded protein undergoes a change in conformational state and activity, depending on whether it is bound to GTP or GDP. This protein is activated by several types of guanine nucleotide exchange factors (GEFs), and inactivated by two groups of GTPase-activating proteins (GAPs). The activation status of the encoded protein is therefore affected by the balance of intracellular levels of GEFs and GAPs. The encoded protein regulates signaling pathways that affect cell proliferation and adhesion, and may play a role in tumor malignancy. Pseudogenes of this gene have been defined on chromosomes 14 and 17. Alternative splicing results in multiple transcript variants.

Target: Ras-Related Protein Rap-1A (RAP1A)

Clonality: Polyclonal

Reactivity: Human, Mouse, Rat

Tested Applications: ELISA, WB, IHC

Host: Rabbit

Recommended dilutions: ELISA: 1 µg/ml, WB: 1/500 - 1/1000, IHC-P: 1/50 - 1/100. Not tested in IHC-F. Optimal

dilutions/concentrations should be determined by the end user.

Conjugation: Unconjugated

**Immunogen:** Synthetic peptide corresponding to RAP1A. The exact sequence is proprietary.

**Isotype:** IgG

Form: Liquid

**Purification:** Purified by affinity chromatography.

Storage: Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.

UniProt Primary AC: P62834 (UniProt, ExPASy)

Gene Symbol: RAP1A

GeneID: 5906

NCBI Accession: NP 002875.1

KEGG: hsa:5906

String: <u>9606.ENSP00000358723</u>

Molecular Weight: Calculated MW: 21 kDa

Observed MW: 21 kDa

Website: www.abbexa.com · Email: info@abbexa.com

## **Datasheet**

Version: 7.0.0 Revision date: 19 Nov 2025



**Buffer:** PBS, pH 7.3, containing 0.02% sodium azide, 50% glycerol.

**Concentration:** > 0.2 mg/ml

Note: THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC,

THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL

CONSUMPTION.



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