

# RALY Antibody

Rabbit Polyclonal

Antigen Affinity Purified	RefSeq ID	NP_057951.1
Catalog No. A302-070A	Uniprot ID	Q9UKM9
Lot No. A302-070A-2	GeneID	22913

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<b>APPLICATIONS</b>	WB, IP, IHC
<b>SPECIES REACTIVITY</b>	Human, Mouse
<b>AMOUNT</b>	100 µl
<b>CONCENTRATION</b>	200 µg/ml
<b>STORAGE/SHELF LIFE</b>	2 – 8°C / 1 year from date of receipt
<b>PHYSICAL STATE</b>	Liquid
<b>BUFFER</b>	Tris–buffered Saline containing 0.1% BSA and 0.09% Sodium Azide
<b>ISOTYPE</b>	IgG
<b>ORIGIN</b>	USA
<b>PRODUCTION PROCEDURES</b>	Antibody was affinity purified using an epitope specific to RALY immobilized on solid support.

The epitope recognized by A302-070A maps to a region between residue 256 and 306 of human hnRNP-associated with lethal yellow homolog using the numbering given in entry NP\_057951.1 (GeneID 22913).

Immunoglobulin concentration was determined by extinction coefficient: absorbance at 280 nm of 1.4 equals 1.0 mg of IgG.

**APPLICATIONS** Centrifuge tube to remove product from lid. Optimal working dilutions should be determined experimentally by the investigator. Prepare working dilution immediately before use.

Western Blot 1:2,000 – 1:10,000

Immunoprecipitation 2 – 10 µg/mg lysate

Immunohistochemistry 1:500 to 1:2,000. Epitope retrieval with citrate buffer pH6.0 is recommended for FFPE tissue sections.

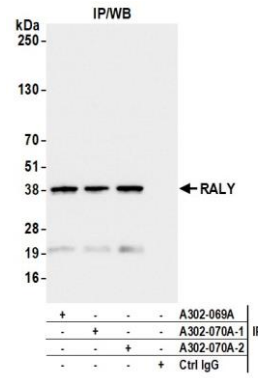
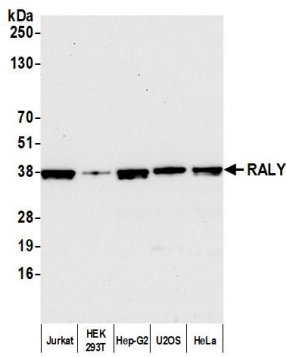
**IHC HUMAN CONTROLS** Breast Carcinoma, Colon Carcinoma, Non-Small Cell Lung Cancer, Ovarian Carcinoma, Prostate Carcinoma

**IHC MOUSE CONTROLS** Renal Cell Carcinoma, Teratoma

**ADDITIONAL INFO** <https://www.fortislife.com/p/A302-070A>

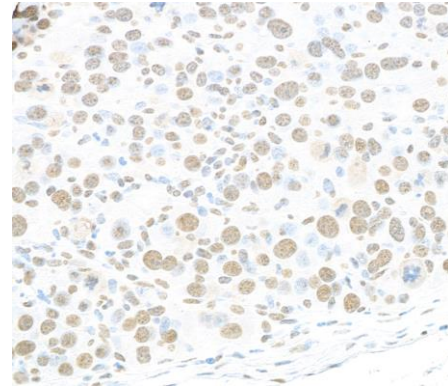
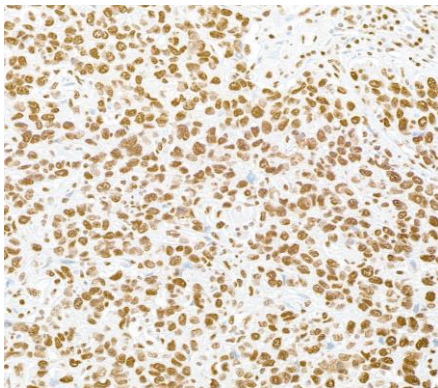
Use the link above to view SDS, a current list of citations, and other product specific information.

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Michael Spencer, PhD Date: November 15, 2022



**Detection of human RALY by western blot.** *Samples:* Whole cell lysate (10 µg) from Jurkat, HEK293T, Hep-G2, U2OS, and HeLa cells prepared using NETN lysis buffer. *Antibody:* Affinity purified rabbit anti-RALY antibody (A302-070A lot 2) used for WB at 0.04 µg/ml. *Detection:* Chemiluminescence with an exposure time of 10 seconds.

**Detection of human RALY by western blot of immunoprecipitates.** *Samples:* Whole cell lysate (1.0 mg per IP reaction; 20% of IP loaded) from U2OS cells prepared using NETN lysis buffer. *Antibodies:* Affinity purified rabbit anti-RALY antibody (A302-070A lot 2) used for IP at 6 µg per reaction. RALY was also immunoprecipitated by a previous lot of this antibody (A302-070A lot 1) and a second antibody against a different epitope of RALY (A302-069A). For blotting immunoprecipitated RALY, A302-070A was used at 0.04 µg/ml. *Detection:* Chemiluminescence with an exposure time of 1 second.



**Detection of human RALY by immunohistochemistry.** *Sample:* FFPE section of human breast carcinoma. *Antibody:* Affinity purified rabbit anti-RALY (A302-070A lot2) used at a dilution of 1:1,000 (0.2 µg/ml).

**Detection of mouse RALY by immunohistochemistry.** *Sample:* FFPE section of mouse renal cell carcinoma. *Antibody:* Affinity purified rabbit anti-RALY (A302-070A lot 2) used at a dilution of 1:1,000 (0.2 µg/ml).