

Rabbit anti-Human, Mouse RALY Polyclonal Antibody | anti-RALY antibody

Rabbit anti-RALY Antibody, Affinity Purified

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA211751	Rabbit	Human, Mouse	Immunohistochemistry, Immunoprecipitation, Western Blot

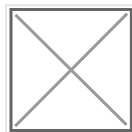
PRODUCT SYNONYMS

RALY; Polyclonal Antibody; Rabbit anti-RALY Antibody; Affinity Purified; hnRNP associated with lethal yellow protein homolog; RNA-binding protein Raly; RNA-binding protein (autoantigenic; hnRNP-associated with lethal yellow); RNA-binding protein (autoantigenic); RNA binding protein; autoantigenic (hnRNP-associated with lethal yellow homolog); P542; hnRNP core protein C-like 2; heterogeneous nuclear ribonucleoprotein C-like 2; autoantigen p542; HNRPCL2; RALY heterogeneous nuclear ribonucleoprotein; anti-RALY antibody

PRODUCT SPECIFICATIONS

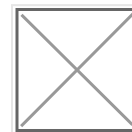
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid. Whole IgG. Tris-buffered Saline containing 0.1% BSA and 0.09% Sodium Azide
Concentration	200ug/ml (varies by lot)
Applicable Applications for anti-RALY antibody	IHC (Immunohistochemistry), IP (Immunoprecipitation), WB (Western Blot)
Immunogen	Between 256 and C-terminus
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt

IMAGES



WB (Western Blot)

Detection of human RALY by western blot. Samples: Whole cell lysate (10 ug) from Jurkat, HEK293T, Hep-G2, U2OS, and HeLa cells prepared using NETN lysis buffer. Antibody: Affinity purified rabbit anti-RALY antibody (AAA211751 lot 2) used for WB at 0.04 ug/ml. Detection: Chemiluminescence with an exposure time of 10 seconds.



IP (Immunoprecipitation)

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 (AAA211751 lot 2) used for IP at 6 ug per reaction. RALY was also immunoprecipitated by a previous lot of this antibody (AAA211751 lot 1) and a second antibody against a different epitope of RALY. For blotting immunoprecipitated RALY, AAA211751 was used at 0.04 ug/ml. Detection: Chemiluminescence with an exposure time of 1 second.

**IHC (Immunohistochemistry)**

Detection of mouse RALY by immunohistochemistry. Sample: FFPE section of mouse renal cell carcinoma. Antibody: Affinity purified rabbit anti- RALY (AAA211751 lot 2) used at a dilution of 1:1,000 (0.2 ug/ml).

**IHC (Immunohistochemistry)**

Detection of human RALY by immunohistochemistry. Sample: FFPE section of human breast carcinoma. Antibody: Affinity purified rabbit anti- RALY (AAA211751 lot2) used at a dilution of 1:1,000 (0.2 ug/ml).

ADDITIONAL INFORMATION

Related Product Information for anti-RALY antibody	The agouti (a) locus includes the mouse agouti gene that regulates coat color in mice by controlling the relative amount and distribution of yellow and black pigment in the coat hairs. A mutation in the agouti locus, lethal yellow (Ay), results in an all-yellow coat color along with a number of dominant pleiotropic effects such as obesity, diabetes, tumor susceptibility, and embryonic lethality in homozygotes. Molecular analysis of the Ay transcript revealed that the Ay transcript includes the coding region of the a gene but also included novel sequence. The novel sequence was found to originate from a 5'-noncoding exon of a gene that was named Raly, because it had the potential to encode an hnRNP protein that is associated with lethal yellow.
Product Categories/Family for anti-RALY antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	8051631
NCBI GeneID	22913
NCBI Accession #	NP_057951.1
NCBI GenBank Nucleotide #	NM_016732.2
UniProt Accession #	Q9UKM9 ; Q14621 ; Q2M365 ; Q5QPL8 ; Q9BQX6 ; Q9UJE3
Molecular Weight	30,364 Da
NCBI Official Full Name	RNA-binding protein Raly isoform 1
NCBI Official Synonym Full Names	RALY heterogeneous nuclear ribonucleoprotein
NCBI Official Symbol	RALY
NCBI Official Synonym Symbols	P542; HNRPCL2
NCBI Protein Information	RNA-binding protein Raly
UniProt Protein Name	RNA-binding protein Raly
UniProt Gene Name	RALY
UniProt Synonym Gene Names	HNRPCL2; P542; hnRNP core protein C-like 2
UniProt Entry Name	RALY_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/raly-antibody-immunohistochemistry-immunoprecipitation-western-blot-elisa/211751>