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

Anti-RALY Antibody, Rabbit Polyclonal

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA256328	**Rabbit**	**Human**	**Immunoprecipitation, Immunofluorescence, Immunocytochemistry, Western Blot**

PRODUCT SYNONYMS

RALY; Polyclonal Antibody; Anti-RALY Antibody; Rabbit Polyclonal; RALY Antibody; Rabbit PAb; Antigen Affinity Purified; RALY heterogeneous nuclear ribonucleoprotein; Anti-HNRPCL2 Antibody; Anti-P542 Antibody; anti-RALY antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Human RALY
Purity/Purification	Protein A & Antigen Affinity
Form/Format	Liquid; PBS, pH7.0 with 0.03% Proclin300
Applicable Applications for anti-RALY antibody	IP (Immunoprecipitation), IF (Immunofluorescence), ICC (Immunocytochemistry), WB (Western Blot)
Immunogen	E Coli-derived Human RALY fragment
Conjugation	Unconjugated
Preparation	Produced in rabbits immunized with E Coli-derived Human RALY fragment, and purified by antigen affinity chromatography.
Preparation and Storage	This antibody can be stored at 2-8 degree C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20 degree C to -80 degree C. Avoid repeated freeze-thaw cycles.

IMAGES

IP (Immunoprecipitation)
RALY was immunoprecipitated using:Lane A:0.5 mg Jurkat Whole Cell Lysate4 uL anti-RALY rabbit polyclonal antibody and 60 ug of Immunomagnetic beads Protein A/G.Primary antibody:Anti-RALY rabbit polyclonal antibody,at 1:100 dilutionSecondary antibody:Goat Anti-Rabbit IgG (H+L)/HRP at 1/10000 dilutionDeveloped using the ECL technique.Performed under reducing conditions.Predicted band size: 32 kDaObserved band size :40 kDa

IF (Immunofluorescence)
Immunofluorescence staining of RALY in U2OS cells. Cells were fixed with 4% PFA, permeabilzed with 0.1% Triton X-100 in PBS,blocked with 10% serum, and incubated with rabbit anti-Human RALY polyclonal antibody (dilution ratio 1:200) at 4 degree C overnight. Then cells were stained with the Alexa Fluor488-conjugated Goat Anti-rabbit IgG secondary antibody (green) and counterstained with DAPI (blue).Positive staining was localized to Nucleus.

WB (Western Blot)
Anti-RALY rabbit polyclonal antibody at 1:500 dilutionLane A: HeLa Whole Cell LysateLane B: HepG2 Whole Cell LysateLane C: Jurkat Whole Cell LysateLane D: A549 Whole Cell LysateLysates/proteins at 30 ug per lane.SecondaryGoat Anti-Rabbit IgG (H+L)/HRP at 1/10000 dilution.Developed using the ECL technique.Performed under reducing conditions.Predicted band size:32 kDaObserved band size:37 kDa

ADDITIONAL INFORMATION

Related Product Information for anti-RALY antibody	RALY is a member of the heterogeneous nuclear ribonucleoprotein (hnRNP), an RNA-binding protein that plays a role in mRNA splicing and metabolism, may be involved in tumorigenesis and development. RALY is a poly-U binding protein and a regulator of H1FX and ANXA1 in mammalian cells. The hnRNP family binds poly-U-rich elements within several RNAs and regulates the expression of specific transcripts. RALY is up-regulated in different types of cancer, and its down-regulation impairs cell cycle progression. Some studies have shown that RALY plays a role in promoting cancer in a variety of tumors. Targeting RALY could be a promising molecular target for non-small cell lung cancer (NSCLC) treatment. RALY plays a critical role in promoting invasiveness and is associated with poor prognosis in different types of cancers.
References	Tenzer S, et al. (2013) Proteome-wide characterization of the rna-binding protein raly-interactome using the in vivo-biotinylation-pulldown-quant (ibiopq) approach. J Proteome Res 12 (6): 2869-2884.Song G, et al. (2020) Raly may cause an aggressive biological behavior and a dismal prognosis in non-small-cell lung cancer. Exp Cell Res 389 (2): 111884.Rossi A, et al. (2017) Identification and dynamic changes of rnas isolated from raly-containing ribonucleoprotein complexes. Nucleic Acids Res 45 (11): 6775-6792.Cornella N, et al. (2017) The hnrnp raly regulates transcription and cell proliferation by modulating the expression of specific factors including the proliferation marker e2f1. J Biol Chem 292 (48): 19674-19692.

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: https://stage.aaabiotech.com/polyclonal/raly-antibody-immunoprecipitation-immunofluorescence-immunocytochemistry-western-blot-elisa/256328