



Raly Polyclonal Antibody

Catalog No	BYab-01966
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB;IHC
Gene Name	RALY
Protein Name	RNA-binding protein Raly
Immunogen	The antiserum was produced against synthesized peptide derived from human RALY. AA range:71-120
Specificity	Raly Polyclonal Antibody detects endogenous levels of Raly protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-2000;IHC-p 1:50-300
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	RALY; HNRPCL2; P542; RNA-binding protein Raly; Autoantigen p542; Heterogeneous nuclear ribonucleoprotein C-like 2; hnRNP core protein C-like 2; hnRNP associated with lethal yellow protein homolog
Observed Band	35kD
Cell Pathway	Nucleus .
Tissue Specificity	Expressed in heart, brain, lung, liver, skeletal muscle, kidney and pancreas. Weakly expressed in placenta.
Function	disease:Autoantigen found in infectious mononucleosis caused by Epstein-Barr virus. An epitope recognized by B-cells, which cross-react with the BKRF1 protein (EBNA-1 nuclear protein) of Epstein-Barr virus has been identified.,function:Probable-RNA binding protein. Could be a heterogeneous nuclear ribonucleoprotein (hnRNP). May be involved in pre-mRNA splicing.,PTM:Phosphorylated upon DNA damage, probably by ATM or ATR.,similarity:Belongs to the RRM HNRPC family. RALY subfamily.,similarity:Contains 1 RRM (RNA recognition motif) domain.,subunit:Identified in the spliceosome C complex, at least composed of

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AQR, ASCC3L1, C19orf29, CDC40, CDC5L, CRNKL1, DDX23, DDX41, DDX48, DDX5, DGCR14, DHX35, DHX38, DHX8, EFTUD2, FRG1, GPATC1, HNRPA1, HNRPA2B1, HNRPA3, HNRPC, HNRPF, HNRPH1, HNRPK, HNRPM, HNRPR, HNRPU, KIAA1160, KIAA1604, LSM2, LSM3, MAGOH, MORG1, PABPC1, PLRG1, PNN, PIE, PPIL1, PPIL3, PPW

Background

This gene encodes a member of the heterogeneous nuclear ribonucleoprotein (hnRNP) gene family. This protein may play a role in pre-mRNA splicing and in embryonic development. Alternate splicing results in multiple transcript variants. [provided by RefSeq, Sep 2011],

matters needing attention

Avoid repeated freezing and thawing!

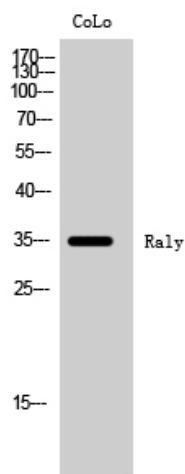
Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

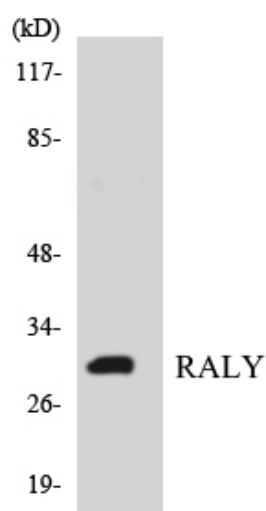
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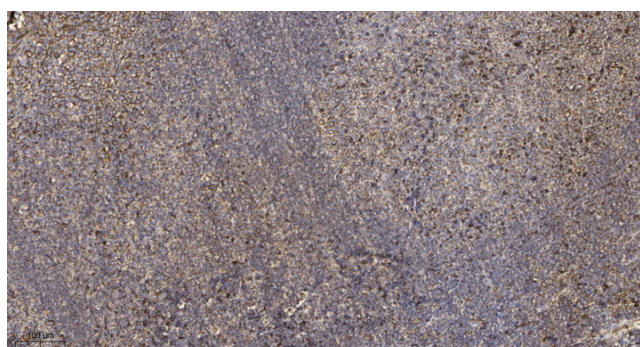
Products Images



Western Blot analysis of CoLo cells using Raly Polyclonal Antibody cells nucleus extracted by Minute TM Cytoplasmic and Nuclear Fractionation kit (SC-003, Inventbiotech, MN, USA).



Western blot analysis of the lysates from HT-29 cells using RALY antibody.



Immunohistochemical analysis of paraffin-embedded human tonsil. 1, Antibody was diluted at 1:200 (4° overnight). 2, Tris-EDTA, pH 9.0 was used for antigen retrieval. 3, Secondary antibody was diluted at 1:200 (room temperature, 45 min).

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