



Raly Polyclonal Antibody

Catalog No	YP-Ab-01966
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB;IHC
Gene Name	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	Autoantigen p542;Heterogeneous nuclear ribonucleoprotein C-like 2;hnRNP associated with lethal yellow protein homolog;hnRNP core protein C-like 2;Raly; RNA-binding protein Raly;HNRPC2;P542
Observed Band	35kD
Calculated Molecular Weight	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 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, PPIE, 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

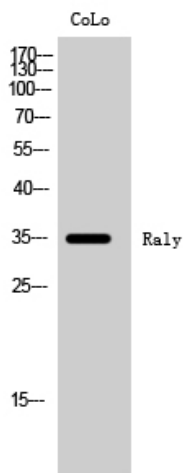
Avoid repeated freezing and thawing!

Usage suggestions

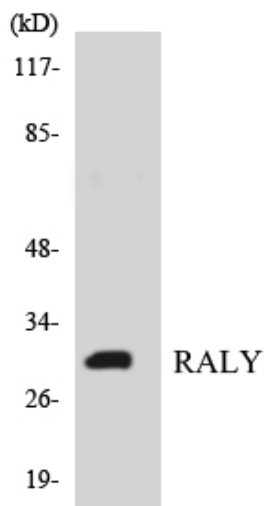
This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.



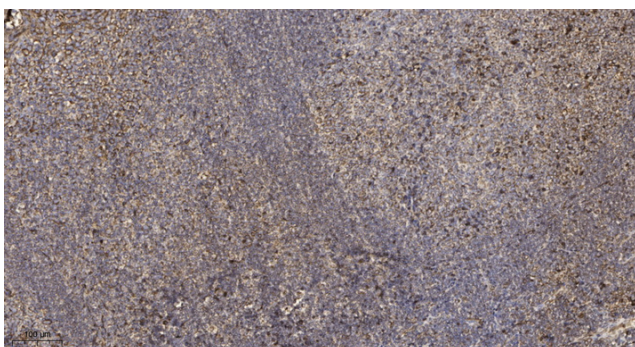
Products Images



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, pH9.0 was used for antigen retrieval. 3, Secondary antibody was diluted at 1:200(room temperature, 45min).