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

Rabbit anti-RALY Antibody, Affinity Purified

| CATALOG # | HOST | REACTIVITY | APPLICATIONS |
|---|---|---|---|
| **AAA211750** | **Rabbit** | **Human** | **Immunohistochemistry, Immunoprecipitation** |

## 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

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| **Host** | Rabbit |
| **Reactivity** | Human |
| **Clonality** | Polyclonal |
| **Purity/Purification** | Antigen Affinity Purified |
| **Form/Format** | Liquid. Whole IgG. Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide |
| **Concentration** | 1000ug/ml (varies by lot) |
| **Applicable Applications for anti-RALY antibody** | IHC (Immunohistochemistry), IP (Immunoprecipitation) |
| **Immunogen** | Between 150 and 200 |
| **Conjugation** | Unconjugated |
| **Preparation and Storage** | Store at 2-8 degree C<br>Shelf Life: 1 year from date of receipt |

## IMAGES

**IP (Immunoprecipitation)**
Detection of human RALY by western blot of immunoprecipitates. Samples: Whole cell lysate (1 mg for IP, 20% of IP loaded) from HeLa cells. Antibodies: Affinity purified rabbit anti-RALY antibody AAA211750 used for IP at 3 ug/mg lysate. For blotting immunoprecipitated RALY, rabbit anti-RALY antibody was used at 1 ug/ml. Detection: Chemiluminescence with an exposure time of 30 seconds.

**IHC (Immunohistochemistry)**
Detection of human RALY by immunohistochemistry. Sample: FFPE section of human breast carcinoma. Antibody: Affinity purified rabbit anti-RALY (Cat. No. AAA211750 Lot1) used at a dilution of 1:1,000 (1ug/ml). Detection: DAB

## ADDITIONAL INFORMATION

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| **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

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|---|---|
| **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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