

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

Rabbit anti-Aly Antibody, Affinity Purified

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA212063	Rabbit	Human	Immunohistochemistry, Immunoprecipitation

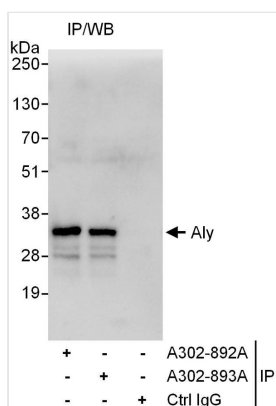
PRODUCT SYNONYMS

Aly; Polyclonal Antibody; Rabbit anti-Aly Antibody; Affinity Purified; BEF; REF; transcriptional coactivator Aly/REF; THOC4; tho4; THO complex subunit 4; THO complex 4; bZIP enhancing factor; ally of AML-1 and LEF-1; Aly/REF export factor; ALY/REF; ALY; bZIP-enhancing factor BEF; anti-Aly antibody

PRODUCT SPECIFICATIONS

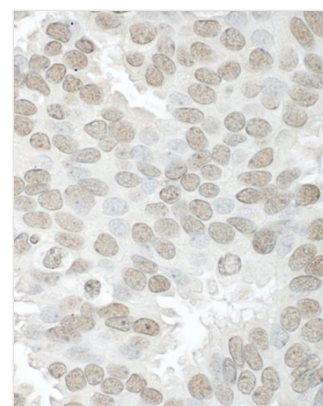
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid. Whole IgG. Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide
Concentration	1000ug/ml (varies by lot)
Applicable Applications for anti-Aly antibody	IHC (Immunohistochemistry), IP (Immunoprecipitation)
Predicted Reactivity	Mouse, X. laevis, X. tropicalis, Bovine
Immunogen	Between 75 and 125
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt

IMAGES



IP (Immunoprecipitation)

Detection of human Aly by western blot of immunoprecipitates. Samples: Whole cell lysate (1 mg for IP, 20% of IP loaded) from HEK293T cells. Antibodies: Affinity purified rabbit anti-Aly antibody AAA212063 used for IP at 3 ug/mg lysate. Aly was also immunoprecipitated by rabbit anti-Aly antibody which recognizes an upstream epitope. For blotting immunoprecipitated Aly, was used at 1 ug/ml. Detection: Chemiluminescence with an exposure time of 10 seconds.



IHC (Immunohistochemistry)

Detection of human Aly by immunohistochemistry. Sample: FFPE section of human breast carcinoma. Antibody: Affinity purified rabbit anti-Aly (Cat. No. AAA212063 Lot1) used at a dilution of 1:1,000 (1ug/ml). Detection: DAB

ADDITIONAL INFORMATION

Related Product Information for anti-Aly antibody	Aly (ally of AML-1 and LEF-1) is a component of the THO subcomplex of the TREX complex. The TREX complex specifically associates with spliced mRNA and not with unspliced pre-mRNA. Aly also functions as a chaperone and promotes the dimerization of transcription factors containing basic leucine zipper (bZIP) domains and thereby promotes transcriptional activation. Additionally, Aly plays a role in mRNA processing and export and may function as scaffold that mediates interactions between proteins and/or RNA. Aly is also part of the exon junction complex that remains associated with spliced mRNA and plays an important role in mRNA export and nonsense-mediated RNA decay. Aly directs mRNA derived from Herpes simplex virus intron-less genes to the NXF1-mediated export pathway [taken from the Universal Protein Resource (UniProt) www.uniprot.org/uniprot/Q886V81].
Product Categories/Family for anti-Aly antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GeneID	10189
UniProt Accession #	Q86V81
UniProt Protein Name	THO complex subunit 4
UniProt Gene Name	ALYREF
UniProt Synonym Gene Names	ALY; BEF; THOC4; Tho4
UniProt Entry Name	THOC4_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/aly-antibody-immunohistochemistry-immunoprecipitation-elisa/212063>