

Product datasheet

Anti-ARIH2 antibody ab55954

[2 Images](#)

Overview

Product name	Anti-ARIH2 antibody
Description	Rabbit polyclonal to ARIH2
Host species	Rabbit
Tested applications	Suitable for: WB, ELISA, IHC-P
Species reactivity	Reacts with: Human Predicted to work with: Mouse, Rat, Rabbit, Horse, Chicken, Guinea pig, Cow, Cat, Dog
Immunogen	A region within synthetic peptide: DYYGVASDV EQQGADAFDP EEYQFTCLTY KESEGALNEH MTSLASVLKV, corresponding to N terminal amino acids 37-89 of Human ARIH2 Run BLAST with ExPASy Run BLAST with NCBI
Positive control	Jurkat cell lysate, human lung tissue.

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
Storage buffer	Preservative: 0.09% Sodium azide Constituents: 2% Sucrose, PBS
Purity	Protein A purified
Clonality	Polyclonal
Isotype	IgG

Applications

Our [Abpromise guarantee](#) covers the use of **ab55954** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

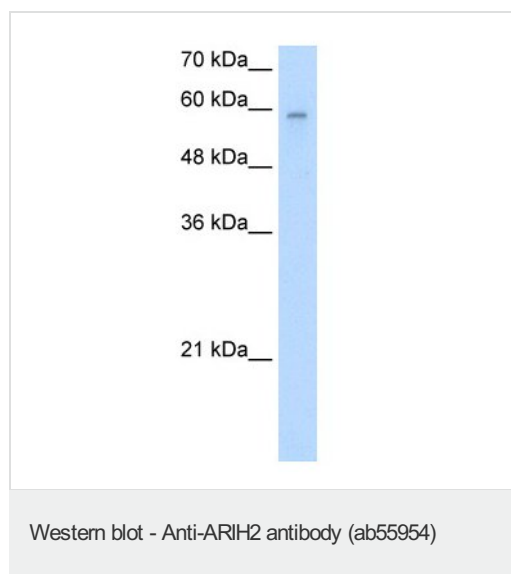
Application	Abreviews	Notes
WB		Use a concentration of 2.5 µg/ml. Detects a band of approximately 58 kDa (predicted molecular weight: 58 kDa). Good results were obtained when blocked with 5% non-fat dry milk in 0.05% PBS-T.

Application	Abreviews	Notes
ELISA		1/62500. ELISA titre using peptide based assay: 1:62500.
IHC-P		Use a concentration of 4 - 8 µg/ml.

Target

Function	E3 ubiquitin-protein ligase mediating 'Lys-48'-and 'Lys-63'-linked polyubiquitination and subsequent proteasomal degradation of modified proteins. May play a role in myelopoiesis.
Tissue specificity	Widely expressed with higher expression in granulocytes.
Pathway	Protein modification; protein ubiquitination.
Sequence similarities	Belongs to the RBR family. Ariadne subfamily. Contains 1 IBR-type zinc finger. Contains 2 RING-type zinc fingers.
Domain	RING-type 1 and RING-type 2 are required for the inhibitory function in myelopoiesis.
Post-translational modifications	Ubiquitinated. Ubiquitination promotes proteasomal degradation. Phosphorylated upon DNA damage, probably by ATM or ATR.
Cellular localization	Nucleus. Cytoplasm.

Images



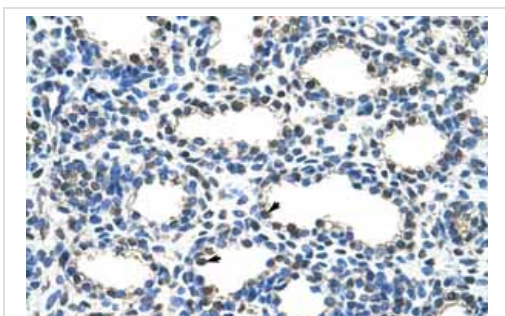
Anti-ARIH2 antibody (ab55954) at 2.5 µg/ml + Jurkat cell lysate at 10 µg

Secondary

HRP conjugated anti-Rabbit IgG at 1/ 50,000 - 1/100,000 dilution

Predicted band size: 58 kDa

Observed band size: 58 kDa



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) analysis of human lung tissue labelling ARIH2 with ab55954 at 4µg/ml. Arrows indicate positive stained alveolar cells.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-ARIH2 antibody (ab55954)

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