



Rabbit Anti-ARHI antibody

SL2903R

Product Name:	ARHI
Chinese Name:	抑癌基因ras同源家族1抗体
Alias:	DIRA3; DIRAS family GTP binding RAS like 3; Distinct subgroup of the Ras family member 3; GTP binding protein Di Ras3; NOEY2; Rho related GTP binding protein RhoI; RHOI; DIRA3 HUMAN.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,
Applications:	ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	25kDa
Cellular localization:	The cell membrane
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human ARHI:131-229/229
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
PubMed:	PubMed
Product Detail:	ARHI contains a highly conserved GTP-binding domain, a putative effector domain distinct from that of RAS and RAP proteins, and a C-terminal membrane localization motif. ARHI mRNA is detected in all normal breast and ovarian epithelial cell cultures tested, as well as in normal ovary, heart, liver, pancreas and brain however ARHI expression is down-regulated in breast and ovarian tumors. Reactivation of ARHI

expression in breast cancer cells is associated with increased histone H3 acetylation and decreased lysine 9 methylation of histone H3.

Subcellular Location:

Cell membrane; Lipid-anchor; Cytoplasmic side (Potential).

Tissue Specificity:

Expressed in normal ovarian and breast epithelial cells but not in ovarian and breast cancers.

Similarity:

Belongs to the small GTPase superfamily. Di-Ras family.

SWISS:

O95661

Gene ID:

9077

Database links:

[Entrez Gene: 9077](#)Human

[Omir: 605193](#)Human

[SwissProt: O95661](#)Human

[Unigene: 194695](#)Human

Important Note:

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.