

ARHI Rabbit pAb

Catalog # AP99917

Product Information

Application	IHC-P, IHC-F, IF, E
Primary Accession	O95661
Other Accession	O95661
Predicted	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	25861
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human ARHI
Epitope Specificity	131-229/229
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SIMILARITY	Belongs to the small GTPase superfamily. Di-Ras family.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	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.

Additional Information

Gene ID	9077
Other Names	ARHI; NOEY2; DIRA3_HUMAN; DIRAS3; Distinct subgroup of the Ras family member 3; Rho-related GTP-binding protein RhoI; RHOI; DIRAS family GTPase 3; ras homolog gene family, member I; DIRAS family, GTP-binding RAS-like 3; GTP-binding protein Di-Ras3
Dilution	IHC-P=1:100-500,IHC-F=1:100-500,IF=1:100-500,ELISA=1:5000-10000
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. 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.

Protein Information

Name	DIRAS3
Synonyms	ARHI, NOEY2, RHOI
Cellular Location	Cell membrane; Lipid-anchor; Cytoplasmic side
Tissue Location	Expressed in normal ovarian and breast epithelial cells but not in ovarian and breast cancers

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.