

DAL1/EPB41L3 Rabbit pAb

Catalog # AP98286

Product Information

Application	WB, IHC-P, IHC-F, IF
Primary Accession	Q9Y2J2
Other Accession	Q9Y2J2
Reactivity	Rat, Human, Mouse
Predicted	Pig, Rabbit, Chicken, Dog, Horse, Sheep
Host	Rabbit
Clonality	Polyclonal
Calculated MW	120678
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human DAL1/EPB41L3
Epitope Specificity	131-230/1087
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SIMILARITY	ontains 1 FERM domain.
SUBUNIT	Interacts with CADM1.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	EPB41L3 is an actin-binding protein originally identified as a molecule whose expression is down-regulated in lung adenocarcinoma. EPB41L3 is a member of the protein 4.1 superfamily, which encompasses structural proteins that play important roles in membrane processes via interactions with actin, spectrin, and the cytoplasmic domains of integral membrane proteins. The gene for EPB41L3 is thought to function as a tumor suppressor and localizes within chromosomal region 18p11.3, which is affected by loss of heterozygosity (LOH) in various adult tumors.

Additional Information

Gene ID	23136
Other Names	4.1B; DAL-1; DAL1; DAL1P; Epb4.1l3; NBL3; Kiaa0987; E41L3_HUMAN; EPB41L3; Differentially expressed in adenocarcinoma of the lung protein 1 (DAL-1); Erythrocyte membrane protein band 4.1-like 3; E41L3_MOUSE; Differentially expressed in adenocarcinoma of the lung protein 1 (DAL-1 DAL1P mDAL-1); erythrocyte membrane protein band 4.1 like 3
Dilution	WB=1:500-2000,IHC-P=1:100-500,IHC-F=1:100-500,IF=1:100-500
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	EPB41L3 (HGNC:3380)
Function	Tumor suppressor that inhibits cell proliferation and promotes apoptosis. Modulates the activity of protein arginine N- methyltransferases, including PRMT3 and PRMT5.
Cellular Location	Cytoplasm, cytoskeleton. Cell junction. Cell membrane; Peripheral membrane protein; Cytoplasmic side. Cytoplasm Note=Detected in the cytoplasm of actively dividing cells
Tissue Location	Expressed at high levels in brain, with lower levels in kidney, intestine, and testis. Detected in lung

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