

**Goat Anti-EPB41L3 / DAL1 Antibody**  
Peptide-affinity purified goat antibody  
Catalog # AF1373a

**Specification**

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**Goat Anti-EPB41L3 / DAL1 Antibody - Product Information**

Application	WB
Primary Accession	<a href="#">O9Y2J2</a>
Other Accession	<a href="#">NP_036439</a> , <a href="#">23136</a>
Reactivity	Human
Predicted	Mouse, Rat, Dog
Host	Goat
Clonality	Polyclonal
Concentration	100ug/200ul
Isotype	IgG
Calculated MW	120678

**Goat Anti-EPB41L3 / DAL1 Antibody - Additional Information**

**Gene ID** 23136

**Other Names**

Band 4.1-like protein 3, 4.1B, Differentially expressed in adenocarcinoma of the lung protein 1, DAL-1, Band 4.1-like protein 3, N-terminally processed, EPB41L3, DAL1, KIAA0987

**Format**

0.5 mg IgG/ml in Tris saline (20mM Tris pH7.3, 150mM NaCl), 0.02% sodium azide, with 0.5% bovine serum albumin

**Storage**

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

**Precautions**

Goat Anti-EPB41L3 / DAL1 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

**Goat Anti-EPB41L3 / DAL1 Antibody - 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

#### Goat Anti-EPB41L3 / DAL1 Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

#### Goat Anti-EPB41L3 / DAL1 Antibody - Images



AF1373a (1 µg/ml) staining of Human Brain lysate (35 µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

#### Goat Anti-EPB41L3 / DAL1 Antibody - References

Personalized smoking cessation: interactions between nicotine dose, dependence and quit-success genotype score. Rose JE, et al. Mol Med, 2010 Jul-Aug. PMID 20379614.

SynCAM1 recruits NMDA receptors via protein 4.1B. Hoy JL, et al. Mol Cell Neurosci, 2009 Dec. PMID 19796685.

A Golgi-associated protein 4.1B variant is required for assimilation of proteins in the membrane. Kang Q, et al. J Cell Sci, 2009 Apr 15. PMID 19299464.

Prefrontal cortex shotgun proteome analysis reveals altered calcium homeostasis and immune system imbalance in schizophrenia. Martins-de-Souza D, et al. Eur Arch Psychiatry Clin Neurosci, 2009 Apr. PMID 19165527.

Frequent concomitant epigenetic silencing of the stress-responsive tumor suppressor gene CADM1, and its interacting partner DAL-1 in nasal NK/T-cell lymphoma. Fu L, et al. Int J Cancer, 2009 Apr 1. PMID 19115211.