

## Goat Anti-EPB41L3 / DAL1 Antibody

Peptide-affinity purified goat antibody Catalog # AF1373a

## **Specification**

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

Application WB
Primary Accession O9Y2|2

Other Accession <u>NP 036439</u>, <u>23136</u>

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 lgG/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**

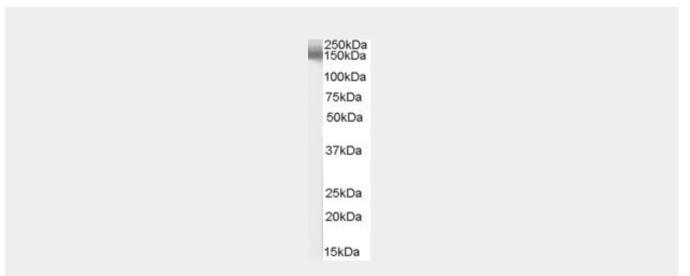
Expressed at high levels in brain, with lower levels in kidney, intestine, and testis. Detected in lung

## 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 Cytomety
- Cell Culture

## Goat Anti-EPB41L3 / DAL1 Antibody - Images



AF1373a (1  $\mu$ g/ml) staining of Human Brain lysate (35  $\mu$ g 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.