



Rabbit Anti-DAL1/EPB41L3 antibody

SL6003R

Product Name:	DAL1/EPB41L3
Chinese Name:	Cytoskeleton4.1蛋白家族DAL1抗体
Alias:	Differentially expressed in adenocarcinoma of the lung protein 1; 4.1B; Band 4.1 like protein 3; DAL 1; DAL1; EPB41L3; Erythrocyte membrane protein band 4.1 like 3; HGNC:3380; KIAA0987; E41L3 HUMAN.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Chicken,Dog,Pig,Cow,Horse,Rabbit,Sheep,
Applications:	WB=1:500-2000ELISA=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:	120kDa
Cellular localization:	cytoplasmicThe cell membrane
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human DAL1/EPB41L3:131-230/1087
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:	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.

Function:

Critical growth regulator in the pathogenesis of meningiomas.

Subunit:

Interacts with CADM1.

Subcellular Location:

Cytoplasm, cytoskeleton

Tissue Specificity:

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

Similarity:

Contains 1 FERM domain.

SWISS:

Q9Y2J2

Gene ID:

23136

Database links:

[Entrez Gene: 23136](#) Human

[Entrez Gene: 13823](#) Mouse

[Entrez Gene: 116724](#) Rat

[Omim: 605331](#) Human

[SwissProt: Q9Y2J2](#) Human

[SwissProt: Q9WV92](#) Mouse

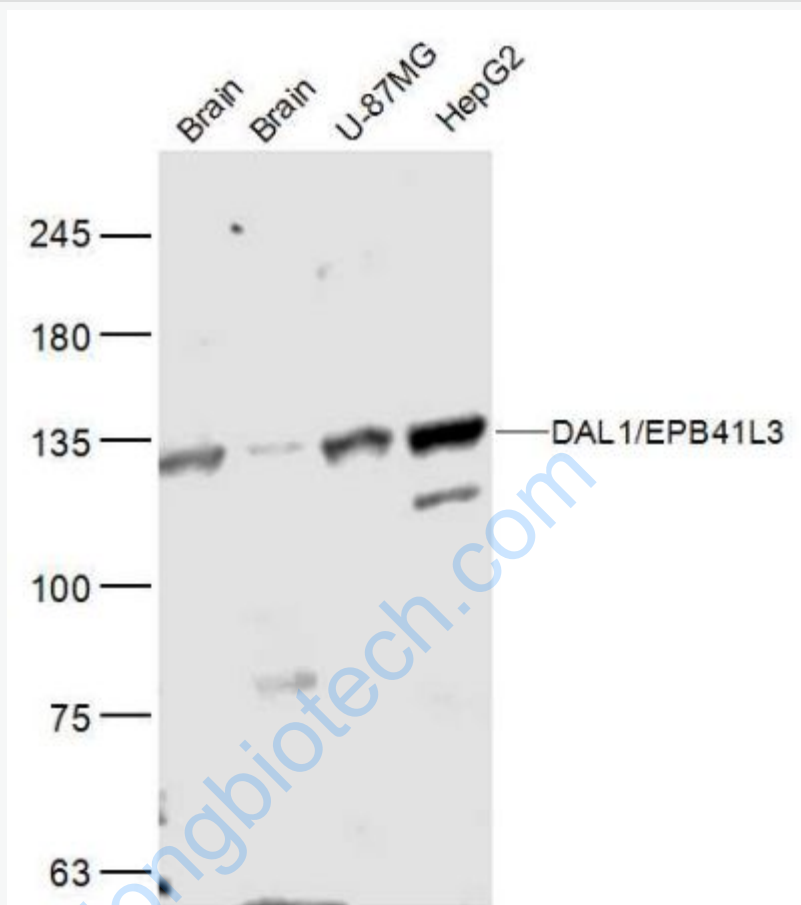
[Unigene: 213394](#) Human

[Unigene: 131135](#) Mouse

Important Note:

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

Picture:



Sample:

Brain (Mouse) Lysate at 40 ug

Brain (Rat) Lysate at 40 ug

U-87MG (Human) CellLysate at 30 ug

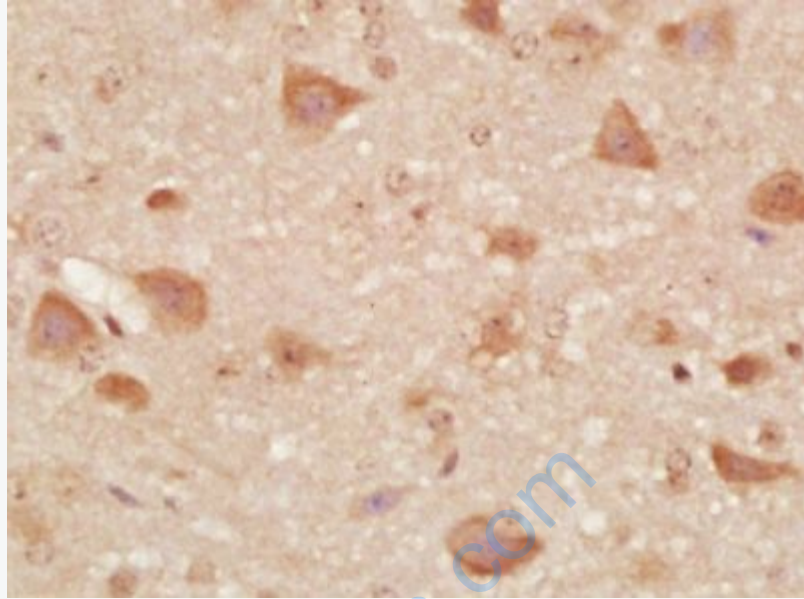
HepG2 (Human) CellLysate at 30 ug

Primary: Anti-DAL1/EPB41L3 (SL6003R) at 1/500 dilution

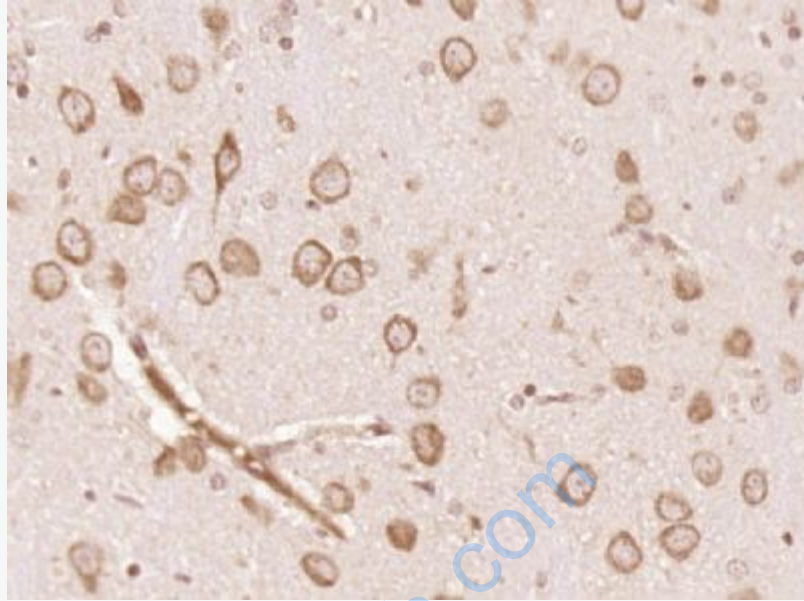
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution

Predicted band size: 120 kD

Observed band size: 130-140 kD



Paraformaldehyde-fixed, paraffin embedded (Mouse brain); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (DAL1(EPB41L3)) Polyclonal Antibody, Unconjugated (SL6003R) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.



Paraformaldehyde-fixed, paraffin embedded (Rat brain); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (DAL1(EPB41L3)) Polyclonal Antibody, Unconjugated (SL6003R) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.