



Rabbit Anti-phospho-DAAM1 (Thr361) antibody

SL5303R

Product Name:	phospho-DAAM1 (Thr361)
Chinese Name:	磷酸化形态发生紊乱关联激活因子1抗体
Alias:	DAAM 1; DAAM-1; Dishevelled associated activator of morphogenesis 1; FLJ41657; KIAA0666.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Chicken,Dog,Pig,Horse,Rabbit,Sheep,Guinea Pig,
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:	120-130kDa
Cellular localization:	cytoplasmic
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated Synthesised phosphopeptide derived from human DAAM1 around the phosphorylation site of Thr361:SA(p-T)QM
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:	DAAM1 (Dishevelled associated activator of morphogenesis 1) is a diaphanous-related formin which binds to dishevelled (Dvl) and Rho, and mediates Wnt-induced Dvl-Rho complex assembly. It is an essential component of noncanonical Wnt signaling. DAAM1 also communicates with Rho GTPases, CIP4 and Src in the regulation of the signalling

pathways that co-ordinate the dynamics of the actin filament system. DAAM1 may be a coordinator of endocytosis and cytoskeletal remodeling.

Function:

Binds to disheveled (Dvl) and Rho, and mediates Wnt-induced Dvl-Rho complex formation. May play a role as a scaffolding protein to recruit Rho-GDP and Rho-GEF, thereby enhancing Rho-GTP formation. Can direct nucleation and elongation of new actin filaments.

Subunit:

Homodimer. Interacts with CIP4, FNBP1 and FNBP1L. Interacts with the SH3 domains of Abl, BTK, endophilin, spectrin and SRC. Binds specifically to GTP-bound CDC42 and RHOA.

Subcellular Location:

Cytoplasm. Note=Perinuclear.

Tissue Specificity:

Expressed in all tissues examined.

Similarity:

Belongs to the formin homology family.

Contains 1 DAD (diaphanous autoregulatory) domain.

Contains 1 FH1 (formin homology 1) domain.

Contains 1 FH2 (formin homology 2) domain.

Contains 1 GBD/FH3 (Rho GTPase-binding/formin homology 3) domain.

SWISS:

Q9Y4D1

Gene ID:

23002

Database links:

[Entrez Gene: 23002](#)Human

[Entrez Gene: 208846](#)Mouse

[Omim: 606626](#)Human

[SwissProt: Q9Y4D1](#)Human

[SwissProt: Q8BPM0](#)Mouse

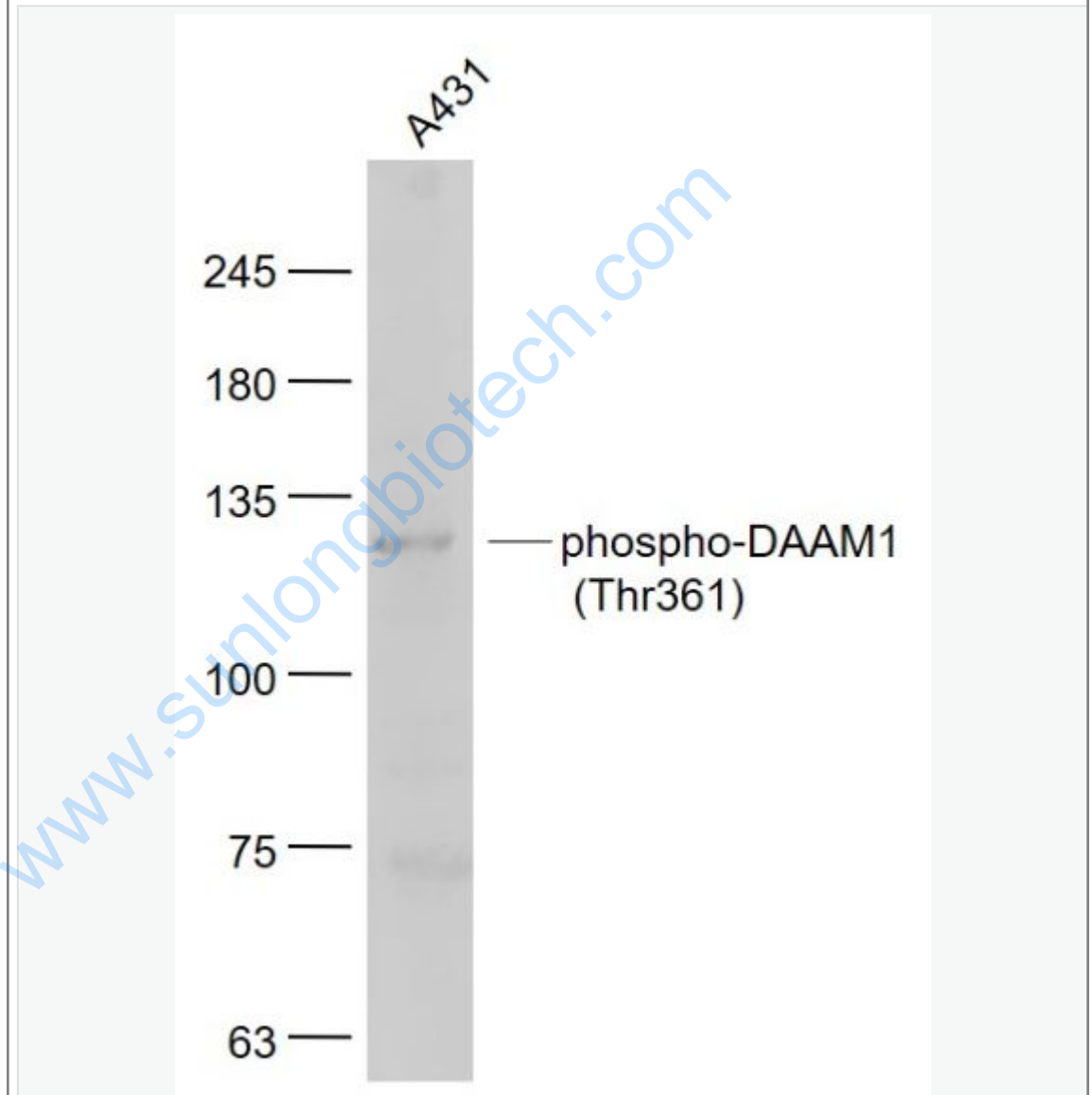
[Unigene: 654934](#)Human

Important Note:

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

DAAM1是蓬乱蛋白相关形态形成活化因子1或称形态发生紊乱关联激活因子1, 为形成素蛋白家族的成员。Daam1是WNT/PCP通路的组成因子之一,参与细胞的内吞功能,可调节Cytoskeleton的形成与构建。

Picture:



Sample:

A431(Human) Cell Lysate at 30 ug

Primary: Anti- phospho-DAAM1 (Thr361) (SL5303R) at 1/1000 dilution

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

Predicted band size: 120-130 kD

Observed band size: 125 kD

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