

DAAM2 (H-55): sc-292570

BACKGROUND

DAAM2 (disheveled associated activator of morphogenesis 2), also known as KIAA0381, is a widely expressed 1,068 amino acid protein that contains one DAD domain, one FH1 domain, one FH2 domain and one GBD domain, through which it may play a role in Wnt/Frizzled-associated signaling events. The gene encoding DAAM2 maps to human chromosome 6, which contains 170 million base pairs and comprises nearly 6% of the human genome. Deletion of a portion of the q arm of chromosome 6 is associated with early onset intestinal cancer, suggesting the presence of a cancer susceptibility locus. Additionally, Porphyria cutanea tarda, Parkinson's disease, Stickler syndrome and a susceptibility to bipolar disorder are all associated with genes that map to chromosome 6.

REFERENCES

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CHROMOSOMAL LOCATION

Genetic locus: DAAM2 (human) mapping to 6p21.2; Daam2 (mouse) mapping to 17 C.

SOURCE

DAAM2 (H-55) is a rabbit polyclonal antibody raised against amino acids 843-897 mapping near the C-terminus of DAAM2 of human origin.

PRODUCT

Each vial contains 200 µg IgG in 1.0 ml of PBS with < 0.1% sodium azide and 0.1% gelatin.

STORAGE

Store at 4° C, ****DO NOT FREEZE****. Stable for one year from the date of shipment. Non-hazardous. No MSDS required.

APPLICATIONS

DAAM2 (H-55) is recommended for detection of Disheveled-associated activator of morphogenesis 2 of mouse, rat and human origin by Western Blotting (starting dilution 1:200, dilution range 1:100-1:1000), immunoprecipitation [1-2 µg per 100-500 µg of total protein (1 ml of cell lysate)], immunofluorescence (starting dilution 1:50, dilution range 1:50-1:500) and solid phase ELISA (starting dilution 1:30, dilution range 1:30-1:3000).

DAAM2 (H-55) is also recommended for detection of Disheveled-associated activator of morphogenesis 2 in additional species, including equine, canine, bovine and porcine.

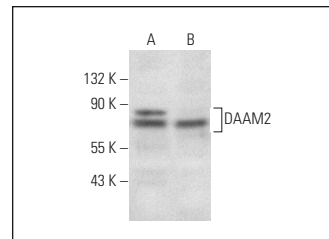
Suitable for use as control antibody for DAAM2 siRNA (h): sc-62192, DAAM2 siRNA (m): sc-62193, DAAM2 shRNA Plasmid (h): sc-62192-SH, DAAM2 shRNA Plasmid (m): sc-62193-SH, DAAM2 shRNA (h) Lentiviral Particles: sc-62192-V and DAAM2 shRNA (m) Lentiviral Particles: sc-62193-V.

Molecular Weight (predicted) of DAAM2: 123 kDa.

Molecular Weight (observed) of DAAM2: 82 kDa.

Positive Controls: HeLa whole cell lysate: sc-2200 or T98G cell lysate: sc-2294.

DATA



DAAM2 (H-55): sc-292570. Western blot analysis of DAAM2 expression in HeLa (A) and T98G (B) whole cell lysates.

RESEARCH USE

For research use only, not for use in diagnostic procedures.

PROTOCOLS

See our web site at www.scbt.com or our catalog for detailed protocols and support products.



Try **DAAM2 (E-1): sc-515129**, our highly recommended monoclonal alternative to DAAM2 (H-55).