

Rabbit Dact2 Polyclonal Antibody | anti-Dact2 antibody

Dact2 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA303974	Rabbit	Human, Mouse, Rat	Immunohistochemistry, Western Blot, ELISA

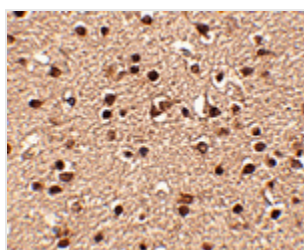
PRODUCT SYNONYMS

Dact2; Polyclonal Antibody; Dact2 Antibody; Dapper homolog 2; Dapper antagonist of beta-catenin 2; anti-Dact2 antibody

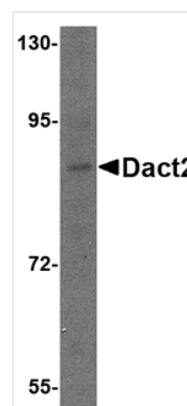
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Purity/Purification	Affinity chromatography purified via peptide column
Form/Format	Supplied in PBS containing 0.02% sodium azide.
Sequence Length	774
Applicable Applications for anti-Dact2 antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen Type	Peptide
Immunogen Description	Raised against a 12 amino acid peptide from near the amino terminus of human DACT2.
Target Name	Dact2
Preparation and Storage	Can be stored at -20 degree C, stable for one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.

IMAGES


IHC (Immunohistochemistry)

Immunohistochemistry of Dact2 in human brain tissue with Dact2 antibody at 2.5 ug/mL.


WB (Western Blot)

Western blot analysis of Dact2 in SK-N-SH cell lysate with Dact2 antibody at 1 ug/mL.

ADDITIONAL INFORMATION

Related Product Information for anti-Dact2 antibody	The Wnt signaling cascade is a conserved process in multicellular animals that plays important roles during development and can contribute to cancer and other diseases. Many members of this pathway are also expressed in the postnatal tissues such as brain. One such protein is Dact2, a member of the Dact protein family that was initially identified through binding to Disheveled (Dvl), a cytoplasmic protein essential to Wnt signaling. Dact2 is most prominent during the development of the thymus kidneys, and salivary gland. Dact2 is thought to play a role distinct from that of Dact1 with Dact2 having a greater impact on a beta-catenin-independent process termed planar cell polarity/convergent-extension signaling. Furthermore, Dact2 but not Dact1 can inhibit Nodal signaling by promoting the endocytic degradation of TGF-beta receptors. At least two isoforms of Dact2 are known to exist.
Product Categories/Family for anti-Dact2 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	163965434
NCBI GeneID	168002
NCBI Accession #	NP_999627
NCBI GenBank Nucleotide #	NM_214462.4
Molecular Weight	29,350 Da
NCBI Official Full Name	dapper homolog 2 isoform a
NCBI Official Synonym Full Names	dishevelled-binding antagonist of beta-catenin 2
NCBI Official Symbol	DACT2
NCBI Official Synonym Symbols	DPR2; DAPPER2; C6orf116; bA503C24.7
NCBI Protein Information	dapper homolog 2
UniProt Protein Name	Dapper homolog 2
UniProt Gene Name	DACT2
UniProt Synonym Gene Names	C6orf116
UniProt Entry Name	DACT2_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/dact2-antibody-immunohistochemistry-western-blot-elisa/303974>