

DPR2 / DACT2 Antibody (N-Terminus)

Rabbit Polyclonal Antibody Catalog # ALS13004

Specification

DPR2 / DACT2 Antibody (N-Terminus) - Product Information

Application Primary Accession Reactivity Host Clonality Calculated MW IF, IHC <u>O5SW24</u> Human, Mouse, Rat Rabbit Polyclonal 83kDa KDa

DPR2 / DACT2 Antibody (N-Terminus) - Additional Information

Gene ID 168002

Other Names Dapper homolog 2, Dapper antagonist of catenin 2, DACT2, C6orf116

Target/Specificity At least two isoforms of Dact2 are known to exist.

Reconstitution & Storage Short term 4°C, long term aliquot and store at -20°C, avoid freeze thaw cycles. Store undiluted.

Precautions DPR2 / DACT2 Antibody (N-Terminus) is for research use only and not for use in diagnostic or therapeutic procedures.

DPR2 / DACT2 Antibody (N-Terminus) - Protein Information

Name DACT2

Synonyms C6orf116

Function

Involved in regulation of intracellular signaling pathways during development. Negatively regulates the Nodal signaling pathway, possibly by promoting the lysosomal degradation of Nodal receptors, such as TGFBR1. May be involved in control of the morphogenetic behavior of kidney ureteric bud cells by keeping cells epithelial and restraining their mesenchymal character. May play an inhibitory role in the re-epithelialization of skin wounds by attenuating TGF-beta signaling (By similarity).

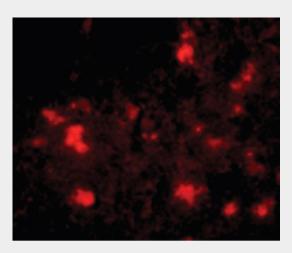
DPR2 / **DACT2** Antibody (N-Terminus) - Protocols



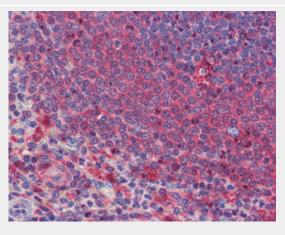
Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- <u>Blocking Peptides</u>
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- <u>Cell Culture</u>

DPR2 / DACT2 Antibody (N-Terminus) - Images



Immunofluorescence of Dact2 in Human Brain cells with Dact2 antibody at 20 ug/ml.



Anti-DACT2 antibody IHC of human spleen. DPR2 / DACT2 Antibody (N-Terminus) - Background

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DPR2 / DACT2 Antibody (N-Terminus) - References



Wan D., et al. Proc. Natl. Acad. Sci. U.S.A. 101:15724-15729(2004). Mungall A.J., et al. Nature 425:805-811(2003).