

DISPA / DISP1 Antibody (N-Terminus)
Rabbit Polyclonal Antibody
Catalog # ALS14832**Specification**

DISPA / DISP1 Antibody (N-Terminus) - Product Information

Application	IF, WB, IHC
Primary Accession	Q96F81
Reactivity	Human, Mouse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	171kDa KDa

DISPA / DISP1 Antibody (N-Terminus) - Additional Information**Gene ID** 84976**Other Names**

Protein dispatched homolog 1, DISP1, DISPA

Target/Specificity

Human DISP1. At least two isoforms of DISP1 are known to exist; this antibody will detect both isoforms. DISP1 antibody is predicted to not cross-react with EMX1.

Reconstitution & Storage

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

Precautions

DISPA / DISP1 Antibody (N-Terminus) is for research use only and not for use in diagnostic or therapeutic procedures.

DISPA / DISP1 Antibody (N-Terminus) - Protein Information**Name** DISP1**Synonyms** DISPA**Function**

Functions in hedgehog (Hh) signaling. Regulates the release and extracellular accumulation of cholesterol-modified hedgehog proteins and is hence required for effective production of the Hh signal (By similarity). Synergizes with SCUBE2 to cause an increase in SHH secretion (PubMed:22902404).

Cellular Location

Membrane; Multi-pass membrane protein

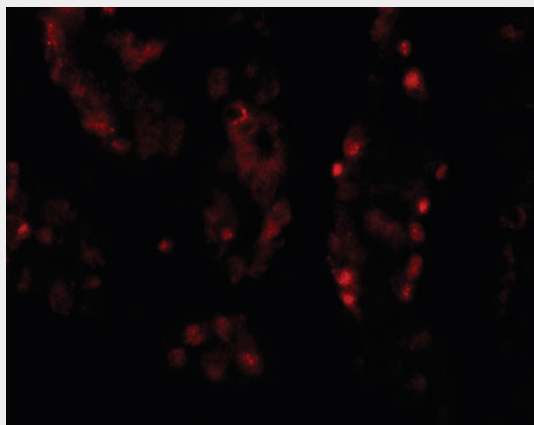
Volume

50 µl

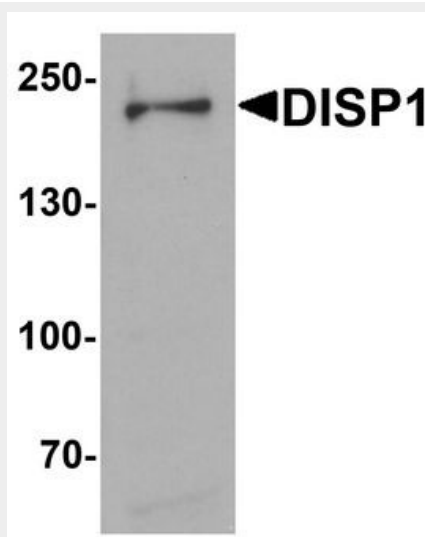
DISPA / DISP1 Antibody (N-Terminus) - Protocols

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

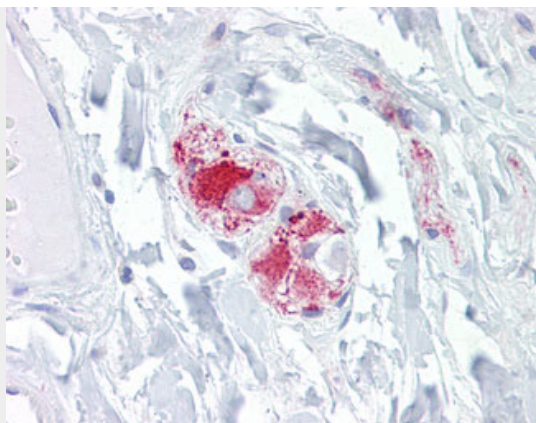
- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

DISPA / DISP1 Antibody (N-Terminus) - Images

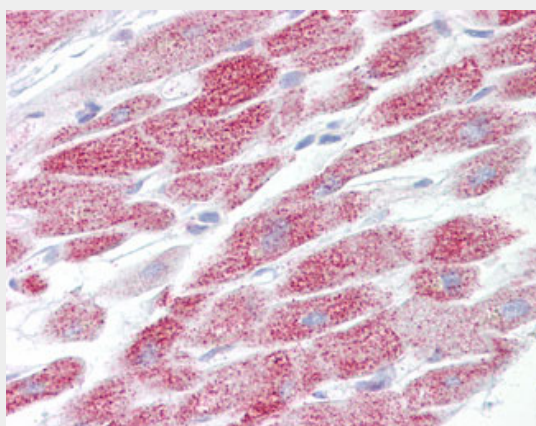
Immunofluorescence of DISP1 in human kidney tissue with DISP1 antibody at 20 ug/ml.



Western blot analysis of DISP1 in 3T3 cell lysate with DISP1 antibody at 1 ug/ml.



Anti-DISP1 / DISPA antibody IHC of human colon, submucosal plexus.



Anti-DISP1 / DISPA antibody IHC of human heart.

DISPA / DISP1 Antibody (N-Terminus) - Background

Functions in hedgehog (Hh) signaling. Regulates the release and extracellular accumulation of cholesterol-modified hedgehog proteins and is hence required for effective production of the Hh signal (By similarity).

DISPA / DISP1 Antibody (N-Terminus) - References

Ota T.,et al.Nat. Genet. 36:40-45(2004).
Bechtel S.,et al.BMC Genomics 8:399-399(2007).