WNT3A rabbit monoclonal antibody

Catalog # H00089780-K Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human WNT3A peptide using ARM Technology.
Immunogen	A synthetic peptide of human WNT3A is used for rabbit immunization. Customer or Abnova will decide on the preferred peptide sequence.
Host	Rabbit
Library Construction	Non-fusion antibody library from rabbit spleen (ARM Technology).
Expression	Overexpression vector and transfection into 293H cell line.
Reactivity	Human
Purification	Protein A
Isotype	IgG
Quality Control Testing	Antibody reactive against human WNT3A peptide by ELISA and mammalian transfected lysate by W estern Blot.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Deliverable	Up to three rabbit IgG clones of 100 ug each will be delivered to customer.
Note	1. Customer may provide cell or tissue lysate for antibody screening. 2. Rabbit monoclonal antibody generated by ARM technology is amenable to antibody engineering in cluding $F(ab)_2$, IgG, scFv and different Fc and non-Fc conjugates per customer request.

Applications

- Western Blot (Transfected lysate)

  Protocol Download

- ELISA

Gene Info — WNT3A

Entrez GeneID	89780
GeneBank Accession#	WNT3A
Gene Name	WNT3A
Gene Alias	MGC119418, MGC119419, MGC119420
Gene Description	wingless-type MMTV integration site family, member 3A
Omim ID	606359
Gene Ontology	Hyperlink
Gene Summary	The WNT gene family consists of structurally related genes which encode secreted signaling prot eins. These proteins have been implicated in oncogenesis and in several developmental process es, including regulation of cell fate and patterning during embryogenesis. This gene is a member of the WNT gene family. It encodes a protein which shows 96% amino acid identity to mouse Wnt 3A protein, and 84% to human WNT3 protein, another WNT gene product. This gene is clustered with WNT14 gene, another family member, in chromosome 1q42 region. [provided by RefSeq
Other Designations	OTTHUMP00000035713

Pathway

- Basal cell carcinoma
- Hedgehog signaling pathway
- Melanogenesis
- Pathways in cancer
- Wnt signaling pathway

Disease

- Cleft Lip
- Cleft Palate

- Genetic Predisposition to Disease