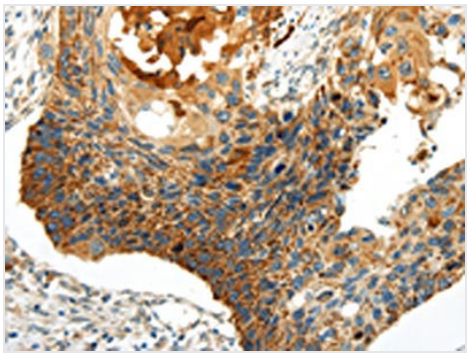
WNT8A Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	WNT8A, Polyclonal Antibody
Full Product Name	WNT8A Antibody
Product Gene Name	anti-WNT8A antibody
Product Synonym Names	wingless-type MMTV integration site family; member 8A
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human
Form/Format	Liquid; In Phosphate Buffered Saline, pH 7.4, 0.05% NaN3, and 40% Glycerol
Purity/Purification	Antigen Affinity Purification
Preparation and Storage	Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.
Molecular Weight	39,527 Da
OMIM	606360
3D Structure	ModBase 3D Structure for Q9H1J5
Immunogen	Synthetic peptide of human WNT8A
Immunogen Species	Human
Conjugate	Non-conjugated
Product Categories/Family for anti-WNT8A antibody	Stem Cells
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-WNT8A antibody	ELISA (EIA), Immunohistochemistry (IHC)
Application Notes for anti-WNT8A antibody	ELISA: 1:2000-1:5000 IHC: 1:25-1:100
Related Product Information for anti-WNT8A antibody	MBS7130201 is an antibody targeting WNT8A. Also known as WNT8A Antibody. Reactive in Human. Host: Rabbit.
Other Notes	Small volumes of anti-WNT8A antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.



Immunohistochemistry (IHC)-Paraffin of anti-WNT8A antibody
The image on the left is immunohistochemistry of paraffin-embedded Human esophagus cancer tissue using MBS7130201(WNT8A Antibody) at dilution 1/20, on the right is treated with synthetic peptide. (Original magnification: ×200)

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for WNT8A. It may not necessarily be applicable to this product.

NCBI GI #	17505195
NCBI GeneID	7478
NCBI Accession #	NP_490645.1
UniProt Primary Accession #	Q9H1J5
UniProt Secondary Accession #	Q96S51
UniProt Related Accession #	Q9H1J5
GenBank Nucleotide #	NM_058244.3
NCBI Official Full Name	protein Wnt-8a isoform 3
NCBI Official Synonym Full Names	wingless-type MMTV integration site family, member 8A
NCBI Official Symbol	WNT8A
NCBI Official Synonym Symbols	WNT8D
UniProt Protein Name	Protein Wnt-8a
UniProt Synonym Protein Names	Protein Wnt-8d
Protein Family	Protein
UniProt Gene Name	WNT8A
UniProt Synonym Gene Names	WNT8D
UniProt Entry Name	WNT8A_HUMAN
NCBI Protein Information	protein Wnt-8a; WNT8d; protein Wnt-8d
NCBI Summary for WNT8A	The WNT gene family consists of structurally related genes which encode secreted signaling proteins. These proteins have been implicated in oncogenesis and in several developmental processes, including regulation of cell fate and patterning during embryogenesis. This gene is a member of the WNT gene family, and may be implicated in development of early embryos as well as germ cell tumors. Multiple alternatively spliced transcript variants have been found for this gene. [provided by RefSeq, Jul 2014]

UniProt Comments for WNT8A	WNT8A: Ligand for members of the frizzled family of seven transmembrane receptors. May play an important role in the development and differentiation of certain forebrain structures, notably the hippocampus. Belongs to the Wnt family. 2 isoforms of the human protein are produced by alternative splicing. Protein type: Extracellular matrix; Secreted, signal peptide; Secreted Chromosomal Location of Human Ortholog: 5q31 Cellular Component: proteinaceous extracellular matrix; extracellular space; extracellular region Molecular Function: frizzled binding; receptor agonist activity Biological Process: neuron differentiation; response to retinoic acid; neural crest cell fate commitment; Wnt receptor signaling pathway through beta-catenin; palate development
Research Articles on WNT8A	**1.** the WNT8A gene is involved in the susceptibility to HSCR, and plays an important role in the occurrence and development of Hirschsprung's disease.
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