WNT7A Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	WNT7A, Polyclonal Antibody
Full Product Name	WNT7A Antibody, HRP conjugated
Product Gene Name	anti-WNT7A antibody
Product Synonym Names	Protein Wnt-7a; WNT7A
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human
Form/Format	Liquid
Purity/Purification	>95%, Protein G purified
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C or -80 degree C. Avoid repeated freeze.
Matching Pairs	Unconjugated Antibody: WNT7A (MBS7049384) HRP Conjugated Antibody: WNT7A (MBS7049385)
Molecular Weight	39,005 Da
OMIM	U53476 mRNA
3D Structure	ModBase 3D Structure for O00755
Immunogen	Recombinant Human Protein Wnt-7a protein (126-302AA)
Preservative	0.03% Proclin 300
Constituents	50% Glycerol, 0.01M PBS, PH 7.4
Conjugation	HRP
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-26360 / sc-26361 / sc-32865
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-WNT7A antibody	ELISA (EIA)
Related Product Information for anti-WNT7A antibody	Ligand for members of the frizzled family of seven transmembrane receptors. Probable developmental protein. Signaling by Wnt-7a allows sexually dimorphic development of the mullerian ducts (By similarity).
Other Notes	Small volumes of anti-WNT7A 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.
Searchable Terms for WNT7A purchase	MBS7049385 is an antibody targeting WNT7A. Also known as WNT7A Antibody, HRP conjugated. Reactive in Human. Host: Rabbit.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for WNT7A. It may not necessarily be applicable to this product.

NCBI GI #	17505191
NCBI GeneID	7476
NCBI Accession #	NP_004616.2
UniProt Primary Accession #	O00755
UniProt Secondary Accession #	Q96H90; Q9Y560
UniProt Related Accession #	O00755
GenBank Nucleotide #	NM_004625.3
NCBI Official Full Name	protein Wnt-7a
NCBI Official Synonym Full Names	Wnt family member 7A
NCBI Official Symbol	WNT7A
UniProt Protein Name	Protein Wnt-7a
UniProt Gene Name	WNT7A
UniProt Entry Name	WNT7A_HUMAN
NCBI Protein Information	protein Wnt-7a
NCBI Summary for WNT7A	This gene is a member of the WNT gene family, which consists of structurally related genes that 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 involved in the development of the anterior-posterior axis in the female reproductive tract, and also plays a critical role in uterine smooth muscle pattering and maintenance of adult uterine function. Mutations in this gene are associated with Fuhrmann and Al-Awadi/Raas-Rothschild/Schinzel phocomelia syndromes. [provided by RefSeq, Jul 2008]
UniProt Comments for WNT7A	Ligand for members of the frizzled family of seven transmembrane receptors. Probable developmental protein. Signaling by Wnt-7a allows sexually dimorphic development of the mullerian ducts ().
Research Articles on WNT7A	**1.** Wnt7a is involved in the transformation of the retinal pigment epithelium.
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