# WNT8A Antibody – Rabbit Polyclonal

## PRODUCT OVERVIEW

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| **Product Name** | WNT8A, Polyclonal Antibody |
| **Full Product Name** | WNT8A (Wingless-type MMTV Integration Site Family Member 8A, Protein Wnt-8a, Protein Wnt-8d, WNT8D) (MaxLight 750) |
| **Product Gene Name** | anti-WNT8A antibody |
| **Clonality** | Polyclonal |
| **Isotype** | IgG |
| **Host** | Rabbit |
| **Species Reactivity** | Human |
| **Form/Format** | Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with MaxLight750. |
| **Purity/Purification** | Purified by Protein A Affinity Chromatography. |
| **Specificity** | Recognizes human WNT8A. |
| **Preparation and Storage** | Store product at 4 degree C in the dark. DO NOT FREEZE! Stable at 4 degree C for 12 months after receipt as an undiluted liquid. Dilute required amo |
| **Molecular Weight** | 39,527 Da |
| **OMIM** | 606360 |
| **3D Structure** | ModBase 3D Structure for Q9H1J5 |
| **Immunogen** | Full length human WNT8A, aa1-351 (NP_490645.1). |
| **Immunogen Sequence** | MGNLFMLWAALGICCAAFSASAWSVNNFLITGPKAYLTYTTSVALGAQSGIEECKFQFAWERWNCPENALQLSTHNRLRSATRETSFIHAISSAGVMYIITH |
| **Conjugate** | MaxLight750 |
| **Note** | Preservative Free |
| **Product Categories/Family for anti-WNT8A antibody** | Antibodies; Wnt Proteins |
| **Applications Tested/Suitable for anti-WNT8A antibody** | Western Blot (WB) |
| **Application Notes for anti-WNT8A antibody** | Applications are based on unconjugated antibody. |
| **Related Product Information for anti-WNT8A antibody** | MaxLight750 is a new Near IR stable dye conjugate comparable to DyLight750, Alexa Fluor700 and offers better labeling efficiency, brighter imaging ar |

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| **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 neces |
| **Searchable Terms for WNT8A purchase** | MBS6398643 is an antibody targeting WNT8A. Also known as WNT8A (Wingless-type MMTV Integration Site Family Member 8A, Protein Wnt-8a, Prot |

## ADDITIONAL DETAILS

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

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| **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 |
| **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.<br><br>Protein type: Extracellular matrix; Secreted, signal peptide; Secreted<br><br>Chromosomal Location of Human Ortholog: 5q31<br><br>Cellular Component: proteinaceous extracellular matrix; extracellular space; extracellular region<br><br>Molecular Function: frizzled binding; receptor agonist activity<br><br>Biological Process: neuron differentiation; response to retinoic acid; neural crest cell fate commitment; Wnt receptor signaling pathway through beta-catenin; palate development |

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| **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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