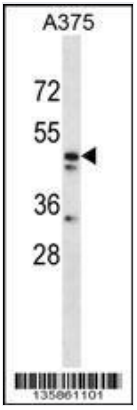
# ZNF259 Antibody – Rabbit Polyclonal

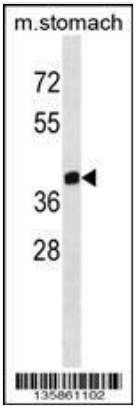
## PRODUCT OVERVIEW

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| **Product Name** | ZNF259, Polyclonal Antibody |
| **Full Product Name** | ZNF259, CT (ZNF259, ZPR1, Zinc finger protein ZPR1, Zinc finger protein 259) (AP) |
| **Product Gene Name** | anti-ZNF259 antibody |
| **Product Synonym Names** | ZNF259; ZPR1; Zinc finger protein ZPR1; Zinc finger protein 259 |
| **Clonality** | Polyclonal |
| **Isotype** | IgG |
| **Host** | Rabbit |
| **Species Reactivity** | Human, Mouse |
| **Form/Format** | Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with Alkaline Phosphatase (AP). |
| **Purity/Purification** | Purified by Protein A Affinity Chromatography. |
| **Preparation and Storage** | Store product at 4 degree C. DO NOT FREEZE! Stable at 4 degree C for 12 months after receipt as an undiluted liquid. Dilute required amount only prior to immediate use. Further dilutions can be made in assay buffer. For maximum recovery of product, centrifuge the original vial prior to removing the cap. |
| **Molecular Weight** | 50,925 Da |
| **Chromosome Location** | Chromosome: 11; NC_000011.9 (116649276..116658739, complement). Location: 11q23.3 |
| **OMIM** | 603901 |
| **3D Structure** | ModBase 3D Structure for O75312 |
| **Immunogen** | ZNF259 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 404-434 amino acids from the C-terminal region of human ZNF259. |
| **Conjugate** | AP |
| **Note** | Preservative Free |
| **Product Categories/Family for anti-ZNF259 antibody** | Antibodies; Transcription Factors; Zinc (Ring) Finger |
| **Applications Tested/Suitable for anti-ZNF259 antibody** | Western Blot (WB), ELISA (EIA) |
| **Application Notes for anti-ZNF259 antibody** | WB: 1:100-500<br>ELISA: 1:1,000<br>Applications are based on unconjugated antibody. |
| **Related Product Information for anti-ZNF259 antibody** | ZNF259 may be a signaling molecule that communicates mitogenic signals from the cytoplasm to the nucleus. |
| **Product References and Citations for anti-ZNF259 antibody** | Bailey, S.D., et al. Diabetes Care 33(10):2250-2253(2010). Johansen, C.T., et al. Nat. Genet. 42(8):684-687(2010). Suchindran, S., et al. PLoS Genet. 6 (4), E1000928 (2010): Talmud, P.J., et al. Am. J. Hum. Genet. 85(5):628-642(2009). Kathiresan, S., et al. Nat. Genet. 41(1):56-65(2009). |
| **Other Notes** | Small volumes of anti-ZNF259 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. |

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| **Searchable Terms for ZNF259 purchase** | MBS6366019 is an antibody targeting ZNF259. Also known as ZNF259, CT (ZNF259, ZPR1, Zinc finger protein ZPR1, Zinc finger protein 259) (AP). Reactive in Human, Mouse. Host: Rabbit. |




**Western Blot (WB) of anti-ZNF259 antibody**
ZNF259 Antibody (C-term) western blot analysis in A375 cell line lysates (35ug/lane).This demonstrates the ZNF259 antibody detected the ZNF259 protein (arrow).




**Western Blot (WB) of anti-ZNF259 antibody**
ZNF259 Antibody (C-term) western blot analysis in mouse stomach tissue lysates (35ug/lane).This demonstrates the ZNF259 antibody detected the ZNF259 protein (arrow).

## ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for ZNF259. It may not necessarily be applicable to this product.

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| **NCBI GI #** | 4508021 |
| **NCBI GeneID** | 8882 |
| **NCBI Accession #** | NP_003895.1 |
| **UniProt Primary Accession #** | O75312 |
| **UniProt Secondary Accession #** | Q2TAA0 |
| **UniProt Related Accession #** | O75312 |
| **GenBank Nucleotide #** | NM_003904.3 |
| **NCBI Official Full Name** | zinc finger protein ZPR1 |
| **NCBI Official Synonym Full Names** | zinc finger protein 259 |
| **NCBI Official Symbol** | ZNF259 |
| **NCBI Official Synonym Symbols** | ZPR1 |
| **UniProt Protein Name** | Zinc finger protein ZPR1 |
| **UniProt Synonym Protein Names** | Zinc finger protein 259 |
| **UniProt Gene Name** | ZPR1 |
| **UniProt Synonym Gene Names** | ZNF259 |
| **UniProt Entry Name** | ZPR1_HUMAN |
| **NCBI Protein Information** | zinc finger protein ZPR1 |

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| **UniProt Comments for ZNF259** | ZNF259: May be a signaling molecule that communicates mitogenic signals from the cytoplasm to the nucleus. Binds to the EGF and PDGF receptors. Binds to the elongation factor 1-alpha EF1A. Component of an import snRNP complex composed of KPNB1, SNUPN, SMN1 and ZNF259. Belongs to the ZPR1 family.<br><br>Protein type: Nucleolus; Cell cycle regulation<br><br>Chromosomal Location of Human Ortholog: 11q23.3<br><br>Cellular Component: nucleoplasm; Cajal body; growth cone; cell soma; perinuclear region of cytoplasm; axon; cytoplasm; nucleolus; perikaryon; SMN complex; nucleus<br><br>Molecular Function: protein binding; zinc ion binding; translation initiation factor binding; receptor tyrosine kinase binding<br><br>Biological Process: cell proliferation; regulation of myelination; trophectodermal cell proliferation; positive regulation of protein import into nucleus; spinal cord development; RNA splicing; DNA endoreduplication; Cajal body organization and biogenesis; microtubule cytoskeleton organization and biogenesis; mRNA processing; signal transduction; positive regulation of RNA splicing; positive regulation of growth; inner cell mass cell proliferation |
| **Research Articles on ZNF259** | **1.** Significant associations of two SNPs (rs964184 and rs12286037) from ZNF259 with triglyceride levels in an Asian Indian cohort. |
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