ZFP57 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	ZFP57, Polyclonal Antibody
Full Product Name	ZFP57 Antibody, HRP conjugated
Product Gene Name	anti-ZFP57 antibody
Product Synonym Names	Zinc finger protein 57 homolog; Zfp-57; Zinc finger protein 698; ZFP57; C6orf40; ZNF698
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human
Form/Format	Liquid
Purity/Purification	>95%, Protein G purified
Preparation and Storage	Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.
Matching Pairs	Unconjugated Antibody: ZFP57 (MBS7110451) HRP Conjugated Antibody: ZFP57 (MBS7110452)
Molecular Weight	61,358 Da
OMIM	AL050328 Genomic DNA
3D Structure	ModBase 3D Structure for Q9NU63
Immunogen	Recombinant Human Zinc finger protein 57 homolog protein (183-295AA)
Conjugation	HRP
Buffer	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, pH 7.4
Product Categories/Family for anti-ZFP57 antibody	Epigenetics and Nuclear Signaling; Developmental Biology; Stem Cells
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-ZFP57 antibody	ELISA (EIA)
Related Product Information for anti-ZFP57 antibody	Binds to a 5'-TGCCGC-3' consensus sequence and recognizes the methylated CpG within this element (By similarity). Transcription regulator required to maintain maternal and paternal gene imprinting, a process by which gene expression is restricted in a parent of origin-specific manner by epigenetic modification of genomic DNA and chromatin, including DNA methylation. Acts by controlling DNA methylation during the earliest multicellular stages of development at multiple imprinting control regions. Required for the establishment of maternal methylation imprints at SNRPN locus. Acts as a transcriptional repressor in Schwann cells.
Other Notes	Small volumes of anti-ZFP57 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 ZFP57 purchase	MBS7110452 is an antibody targeting ZFP57. Also known as ZFP57 Antibody, HRP conjugated. Reactive in Human. Host: Rabbit.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for ZFP57. It may not necessarily be applicable to this product.

NCBI GI #	239582722
NCBI GeneID	346171
NCBI Accession #	NP_001103279.2
UniProt Primary Accession #	Q9NU63
UniProt Secondary Accession #	Q5SSB1; B0S894; B0V254; B2RXJ7
UniProt Related Accession #	Q9NU63
GenBank Nucleotide #	NM_001109809.2
NCBI Official Full Name	zinc finger protein 57 homolog
NCBI Official Synonym Full Names	ZFP57 zinc finger protein
NCBI Official Symbol	ZFP57
NCBI Official Synonym Symbols	TNDM1; ZNF698; C6orf40; bA145L22; bA145L22.2
UniProt Protein Name	Zinc finger protein 57 homolog
UniProt Synonym Protein Names	Zinc finger protein 698
Protein Family	Zinc finger protein
UniProt Gene Name	ZFP57
UniProt Synonym Gene Names	C6orf40; ZNF698; Zfp-57
NCBI Protein Information	zinc finger protein 57 homolog
NCBI Summary for ZFP57	The protein encoded by this gene is a zinc finger protein containing a KRAB domain. Studies in mouse suggest that this protein may function as a transcriptional repressor. Mutations in this gene have been associated with transient neonatal diabetes mellitus type 1 (TNDM1).[provided by RefSeq, Sep 2009]
UniProt Comments for ZFP57	Binds to a 5'-TGCCGC-3' consensus sequence and recognizes the methylated CpG within this element (). Transcription regulator required to maintain maternal and paternal gene imprinting, a process by which gene expression is restricted in a parent of origin-specific manner by epigenetic modification of genomic DNA and chromatin, including DNA methylation. Acts by controlling DNA methylation during the earliest multicellular stages of development at multiple imprinting control regions. Required for the establishment of maternal methylation imprints at SNRPN locus. Acts as a transcriptional repressor in Schwann cells.
Research Articles on ZFP57	**1.** transient neonatal diabetes type 1 is associated with ZFP57 mutations
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