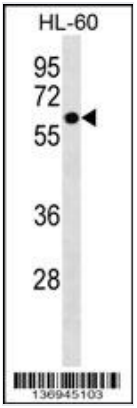
ZNF649 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	ZNF649, Polyclonal Antibody
Full Product Name	ZNF649 Antibody (N-term)
Product Gene Name	anti-ZNF649 antibody
Product Synonym Names	Zinc finger protein 649; ZNF649
Clonality	Polyclonal
Isotype	Rabbit Ig
Host	Rabbit
Species Reactivity	Human
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Concentration	Vial Concentration: 0.45 (lot specific)
Specificity	This ZNF649 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 84-112 amino acids from the N-terminal region of human ZNF649.
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.
Antibody/Peptide Pairs	ZNF649 peptide (MBS9222246) is used for blocking the activity of ZNF649 antibody (MBS9203296)
Molecular Weight	57683
Immunogen Sequence Positions	84-112
OMIM	611903
3D Structure	ModBase 3D Structure for Q9BS31
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Applications Tested/Suitable for anti-ZNF649 antibody	Western Blot (WB), ELISA (EIA)
Application Notes for anti-ZNF649 antibody	WB~~1:1000
Related Product Information for anti-ZNF649 antibody	Transcriptional repressor. Regulator of transcriptional factor complexes and may suppress SRE and AP-1 transcription activities mediated by growth factor signaling pathways.
Product References and Citations for anti-ZNF649 antibody	Yang, H., et al. Biochem. Biophys. Res. Commun. 333(1):206-215(2005)
Other Notes	Small volumes of anti-ZNF649 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 ZNF649 purchase	MBS9203296 is an antibody targeting ZNF649. Also known as ZNF649 Antibody (N-term). Reactive in Human. Host: Rabbit.



Western Blot (WB) of anti-ZNF649 antibody
ZNF649 Antibody (N-term) western blot analysis in HL-60 cell line lysates (35ug/lane).This demonstrates the ZNF649 antibody detected the ZNF649 protein (arrow).

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for ZNF649. It may not necessarily be applicable to this product.

NCBI GI #	21362078
NCBI GeneID	65251
NCBI Accession #	NP_075562.2
UniProt Primary Accession #	Q9BS31
UniProt Secondary Accession #	Q9H9N2; A8MYJ5; B2RDC4
UniProt Related Accession #	Q9BS31
GenBank Nucleotide #	NM_023074.3
NCBI Official Full Name	zinc finger protein 649
NCBI Official Synonym Full Names	zinc finger protein 649
NCBI Official Symbol	ZNF649
UniProt Protein Name	Zinc finger protein 649
Protein Family	Zinc finger protein
UniProt Gene Name	ZNF649
UniProt Entry Name	ZN649_HUMAN
NCBI Protein Information	zinc finger protein 649
UniProt Comments for ZNF649	ZNF649: Transcriptional repressor. Regulator of transcriptional factor complexes and may suppress SRE and AP-1 transcription activities mediated by growth factor signaling pathways. Belongs to the krueppel C2H2-type zinc-finger protein family. Protein type: Transcription factor; C2H2-type zinc finger protein Chromosomal Location of Human Ortholog: 19q13.41 Cellular Component: extracellular space; nucleus Molecular Function: protein binding; DNA binding; metal ion binding Biological Process: transcription, DNA-dependent; regulation of transcription, DNA-dependent
Research Articles on ZNF649	**1.** These results suggest that ZNF649 protein may act as a transcriptional repressor in mitogen-activated protein kinase signaling pathway to mediate cellular functions.

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