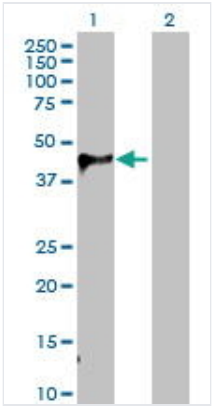
WIF1 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	WIF1, Polyclonal Antibody
Full Product Name	WIF1 (Wnt Inhibitory Factor 1, WIF-1, UNQ191/PRO217) (HRP)
Product Gene Name	anti-WIF1 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 Horseradish Peroxidase (HRP).
Purity/Purification	Purified by Protein A Affinity Chromatography.
Specificity	Recognizes human WIF1.
Preparation and Storage	Store product at 4 degree C if to be used immediately within two weeks. For long-term storage, aliquot to avoid repeated freezing and thawing and store at -20 degree C. Aliquots are stable at -20 degree C for 12 months after receipt. Dilute required amount only prior to immediate use. Further dilutions can be made in assay buffer. Note: Sodium azide is a potent inhibitor of peroxidase and should not be added to HRP conjugates. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap.
Molecular Weight	41,528 Da
Immunogen	Full length human WIF1, aa1-379 (AAH18037.1).
Conjugate	HRP
Note	Preservative Free
Product Categories/Family for anti-WIF1 antibody	Antibodies; Binding Proteins
Applications Tested/Suitable for anti-WIF1 antibody	Western Blot (WB)
Application Notes for anti-WIF1 antibody	Applications are based on unconjugated antibody.
Related Product Information for anti-WIF1 antibody	MBS6398561 is an antibody targeting WIF1. Also known as WIF1 (Wnt Inhibitory Factor 1, WIF-1, UNQ191/PRO217) (HRP). Reactive in Human. Host: Rabbit.
Other Notes	Small volumes of anti-WIF1 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.



Western Blot (WB) of anti-WIF1 antibody
Western Blot analysis of WIF1 expression in transfected 293T cell line by WIF1 polyclonal antibody. Lane 1: WIF1 transfected lysate (41.5kD). Lane 2: Non-transfected lysate.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for WIF1. It may not necessarily be applicable to this product.

NCBI GI #	17390066
NCBI GeneID	11197
NCBI Accession #	BC018037
UniProt Secondary Accession #	Q6UXI1; Q8WVG4
UniProt Related Accession #	Q9Y5W5
NCBI Official Full Name	Homo sapiens WNT inhibitory factor 1, mRNA
NCBI Official Synonym Full Names	WNT inhibitory factor 1
NCBI Official Symbol	WIF1
NCBI Official Synonym Symbols	WIF-1
Protein Family	Wnt inhibitory factor
NCBI Protein Information	wnt inhibitory factor 1
NCBI Summary for WIF1	The protein encoded by this gene functions to inhibit WNT proteins, which are extracellular signaling molecules that play a role in embryonic development. This protein contains a WNT inhibitory factor (WIF) domain and five epidermal growth factor (EGF)-like domains, and is thought to be involved in mesoderm segmentation. This gene functions as a tumor suppressor gene, and has been found to be epigenetically silenced in various cancers. [provided by RefSeq, Jun 2010]
Research Articles on WIF1	**1.** Results provide evidence that WIF1 is frequently methylated in oral squamous cell carcinoma (OSCC), but not in oral submucous fibrosis tissues, which results in reduced expression. This epigenetic biomarker can be used for the early detection of OSCC.
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