

Anti-WIF1 Rabbit mAb

Purified Recombinant Rabbit Monoclonal Antibody

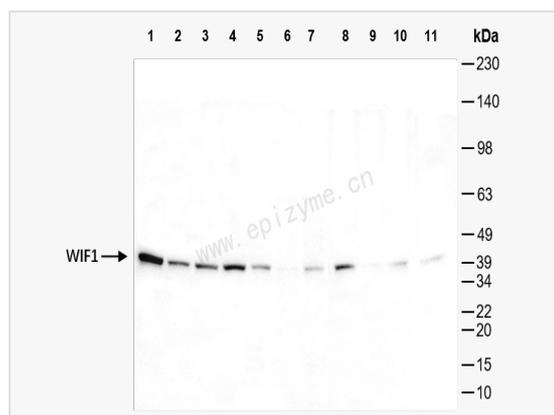
Catalog # R015614

Product Information

Application	WB, ELISA
Reactivity	Human, Mouse, Rat
Dilution	WB 1:1,000~1:2,000
Host	Rabbit
Clonality	Monoclonal
Clone No.	14N40E55
Isotype	IgG
Label	Unconjugated
Immunogen	A synthesized peptide derived from human WIF1
Format	Affinity purified monoclonal antibody supplied in PBS with 0.01% sodium azide and 50% glycerol, pH 7.3.
Storage	Shipped on wet ice. Store at -20°C. Stable for 24 months from date of receipt. Aliquoting is unnecessary for -20°C storage.
Precautions	Anti-WIF1 Rabbit mAb [14N40E55] is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Synonyms	WIF-1; wif1; WIF1_HUMAN; Wnt inhibitory factor 1.
Calculated MW	Calculated MW: 42 kDa; Observed MW: 42 kDa
Uniprot ID	Q9Y5W5
Gene ID	11197
Background	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]
Cellular Location	Secreted.



Western Blot - Anti-WIF1 Rabbit mAb [14N40E55]

All lanes: R015614 at 1:1,000 dilution

Lane 1: HeLa (Human cervix adenocarcinoma epithelial cell) whole cell lysates

Lane 2: HepG2 (Human hepatocarcinoma epithelial cell) whole cell lysates

Lane 3: U87 (Human malignant glioblastoma epithelial cells) whole cell lysates

Lane 4: C2C12 (Mouse myoblasts epithelial cell) whole cell lysates

Lane 5: Mouse brain whole tissue lysates

Lane 6: Mouse liver whole tissue lysates

Lane 7: Mouse kidney whole tissue lysates

Lane 8: PC-12 (Rat adrenal pheochromocytoma epithelial cell) whole cell lysates

Lane 9: Rat brain whole tissue lysates

Lane 10: Rat kidney whole tissue lysates

Lane 11: Rat skin whole tissue lysates

Lysates/proteins at 10 µg per lane.

Secondary antibody: Goat Anti-Rabbit IgG (H+L), HRP Conjugated (Cat. No. LF102) at

1:5,000 dilution

Predicted band size: 42 kDa

Observed band size: 42 kDa

Developed using the ECL technique (Cat. No. SQ201).