

Anti-WNT4 Polyclonal Antibody 2

Product Details

Ig Type:	IgG
Reactivity:	Human, Mouse (predicted: Rat, Dog, Pig, Cow, Horse, Rabbit, Sheep)
Molecular Weight:	Theoretical: 37 kDa. Actual: 47 kDa.
Purification:	Protein A purified

Applications

Verified Activity:	1. Sample: Lane 1: MCF-7 (Human) Cell Lysate at 30 µg Lane 2: MDA-MB-231 (Human) Cell Lysate at 30 µg Lane 3: A431 (Human) Cell Lysate at 30 µg Lane 4: U2os (Human) Cell Lysate at 30 µg Primary: Anti-WNT4 (TMAB-14192) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution
	Predicted band size: 37 kD Observed band size: 47 kD 2. Paraformaldehyde-fixed, paraffin embedded (Mouse brain); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30 min; Antibody incubation with (WNT4) Polyclonal Antibody, Unconjugated (TMAB-14192) at 1:400 overnight at 4°C, followed by operating according to SP Kit (Rabbit) instructions and DAB staining.
Application:	WB, IHC-P, IHC-Fr, IF
Recommended	WB: 1:500-2000; IHC-P: 1:100-500; IHC-Fr: 1:100-500; IF: 1:100-500

Properties

Stability & Storage:	Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

Antigen Details

Immunogen:	KLH conjugated synthetic peptide: human WNT4
Antigen Species:	Human
Gene ID:	54361
Uniprot ID:	P56705

Research Background

Ligand for members of the frizzled family of seven transmembrane receptors. Probable developmental protein. May be a signaling molecule which affects the development of discrete regions of tissues. Is likely to signal over only few cell diameters (By similarity). Overexpression may be associated with abnormal proliferation in human breast tissue.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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