

Anti-Wnt6 Polyclonal Antibody

Product Details

Ig Type:	IgG
Reactivity:	Human,Mouse (predicted:Rat)
Molecular Weight:	Theoretical: 38 kDa. Actual: 42-48 kDa.
Purification:	Protein A purified

Applications

Verified Activity:	1. Tissue/cell: human breast carcinoma; 4% Paraformaldehyde-fixed and paraffin-embedded; Antigen retrieval: citrate buffer (0.01 M, pH 6.0), Boiling bathing for 15 min; Block endogenous peroxidase by 3% Hydrogen peroxide for 30 min; Blocking buffer (normal goat serum) at 37°C for 20 min; Incubation: Anti-Wnt6 Polyclonal Antibody, Unconjugated (TMAB-14195) 1: 200, overnight at 4° C, followed by conjugation to the secondary antibody and DAB staining
	2. Sample: MKN45 (Human) Cell Lysate at 30 µg Primary: Anti-Wnt6 (TMAB-14195) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 38 kD Observed band size: 42 kD
	3. Sample: NIH/3T3 (Mouse) Cell Lysate at 30 µg Primary: Anti-Wnt6 (TMAB-14195) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 38 kD Observed band size: 48 kD
	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 Wnt6
Antigen Species:	Human
Gene ID:	7475
Uniprot ID:	Q9Y6F9

Research Background

Wnt6 is a member of the WNT protein family. These proteins have been implicated in oncogenesis and in several developmental processes, including regulation of cell fate and patterning during embryogenesis. Wnt6 is overexpressed in cervical and breast cell carcinomas and is co-expressed with Wnt10a in colorectal cancer cell lines.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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