

Anti-MAGEB3 Polyclonal Antibody

Product Details

Ig Type:	IgG
Reactivity:	Human,Mouse,Rat (predicted:Horse)
Molecular Weight:	Theoretical: 39 kDa. Actual: 39 kDa.
Purification:	Protein A purified

Applications

Verified Activity:	1. Tissue/cell: Rat testis tissue; 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-MAGEB3 Polyclonal Antibody, Unconjugated (TMAB-08522) 1:500, overnight at 4°C, followed by conjugation to the secondary antibody and DAB staining
	2. Tissue/cell: Human melanoma tumor; 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-MAGEB3 Polyclonal Antibody, Unconjugated (TMAB-08522) 1:500, overnight at 4°C, followed by conjugation to the secondary antibody and DAB staining
	3. Tissue/cell: mouse testis tissue; 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-MAGEB3 Polyclonal Antibody, Unconjugated (TMAB-08522) 1:500, overnight at 4°C, followed by conjugation to the secondary antibody and DAB staining
	4. Sample: Brain (Mouse) Lysate at 40 µg Primary: Anti-MAGEB3 (TMAB-08522) at 1/300 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 39 kD Observed band size: 39 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 MAGEB3
Antigen Species: Human
Gene ID: 4114
Uniprot ID: O15480

Research Background

MAGEB3 is a member of the MAGEB gene family. The members of this family have their entire coding sequences located in the last exon, and the encoded proteins show 50 to 68% sequence identity to each other. The promoters and first exons of the MAGEB genes show considerable variability, suggesting that the existence of this gene family enables the same function to be expressed under different transcriptional controls. This gene is localized in the DSS (dosage-sensitive sex reversal) critical region. It is expressed in testis and placenta, and in a significant fraction of tumors of various histological types. The MAGEB genes are clustered on chromosome Xp22-p21.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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