

Anti-DBC2 Polyclonal Antibody

Product Details

Ig Type:	IgG
Reactivity:	Human (predicted:Mouse,Rat,Pig,Cow,Horse)
Molecular Weight:	Theoretical: 83 kDa.
Purification:	Protein A purified

Applications

Verified Activity:	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-DBC2 Polyclonal Antibody, Unconjugated (TMAB-04992) 1: 200, overnight at 4° C, followed by conjugation to the secondary antibody and DAB staining
Application:	IHC-P,IHC-Fr,IF
Recommended	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 DBC2
Antigen Species:	Human
Gene ID:	23221
Uniprot ID:	Q9BYZ6

Research Background

DBC2 is a member of the recently identified RhoBTB family, which is part of the Rho GTPase family. DBC2 has been implicated as a tumor suppressor in breast and lung cancer. Studies have shown that DBC2 binds to the ubiquitin ligase scaffold Cul3, and that Cul3 regulates DBC2 protein levels by ubiquitinating DBC2 directly, leading to its degradation by the proteasome.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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