

Anti-RNF45 Polyclonal Antibody

Product Details

Ig Type:	IgG
Reactivity:	Rat (predicted:Human,Mouse,Chicken,Dog,Cow,Rabbit)
Molecular Weight:	Theoretical: 73 kDa.
Purification:	Protein A purified

Applications

Verified Activity:	Paraformaldehyde-fixed, paraffin embedded (Rat 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 (RNF45) Polyclonal Antibody, Unconjugated (TMAB-12323) at 1:500 overnight at 4°C, followed by a conjugated secondary for 20 minutes 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 AMFR/RNF45
Antigen Species:	Human
Gene ID:	267
Uniprot ID:	Q9UKV5

Research Background

E3 ubiquitin-protein ligase which can target both itself and other proteins including CD3D and APOB for proteasomal degradation. Mediates polyubiquitination of CYP3A4. Specific receptor for the autocrine motility factor. Mediates tumor invasion and metastasis. Component of a complex required to couple deglycosylation and proteasome-mediated degradation of misfolded proteins in the endoplasmic reticulum that are retrotranslocated in the cytosol. Promotes ubiquitination of misfolded proteins such as mutant CFTR; proposed to mediate sequential ubiquitination by recognizing already ubiquitin-conjugated substrates and to cooperate with E3 ubiquitin-protein ligase RNF5.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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