

Anti-RBM42 Polyclonal Antibody

Product Details

Ig Type:	IgG
Reactivity:	Mouse (predicted:Human,Rat,Dog,Pig,Cow,Horse,Rabbit,Sheep)
Molecular Weight:	Theoretical: 50 kDa.
Purification:	Protein A purified

Applications

Verified Activity:	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 (RBM42) Polyclonal Antibody, Unconjugated (TMAB-12146) at 1:400 overnight at 4°C, followed by operating according to SP Kit (Rabbit) instructions 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 RBM42
Antigen Species:	Human
Gene ID:	79171
Uniprot ID:	Q9BTD8

Research Background

RNA binding motif protein 42 (RBM42) C-terminal domain interacts with HNRNPK C-terminal domain and RNA. RBM42 and HNRNPK are involved in the maintenance of cellular ATP levels during stress, possibly by protecting critical mRNAs. Upon stress response, RBM42 localizes with HNRNPK in cytoplasmic aggregates of stalled translational pre-initiation complexes called stress granules. There are 4 isoforms produced by alternative splicing.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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