

Anti-C3orf58 Polyclonal Antibody

Product Details

Ig Type:	IgG
Reactivity:	Human,Mouse,Rat (predicted:Chicken,Cow)
Molecular Weight:	Theoretical: 49 kDa. Actual: 45 kDa.
Purification:	Protein A purified

Applications

Verified Activity:	<p>1. Sample: Lane 1: Mouse Colon tissue lysates Lane 2: Mouse Cerebrum tissue lysates Lane 3: Rat Colon tissue lysates Lane 4: Human 293T cell lysates Lane 5: Human U251 cell lysates Primary: Anti-C3orf58 (TMAB-03438) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 49 kDa Observed band size: 45 kDa</p> <p>2. 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 (C3orf58) Polyclonal Antibody, Unconjugated (TMAB-03438) at 1: 200 overnight at 4°C, followed by operating according to SP Kit (Rabbit) instructions and DAB staining.</p>
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 C3orf58
Antigen Species:	Human
Gene ID:	205428
Uniprot ID:	Q8NDZ4

Research Background

C3orf58 (chromosome 3 open reading frame 58), also known as DIA1, is a 430 amino acid secreted protein that belongs to the UPF0672 family. C3orf58 is encoded by a gene that maps to human chromosome 3q24. Chromosome 3 is made up of approximately 214 million bases encoding over 1,100 genes. Notably, there is a chemokine receptor gene cluster and a variety of human cancer related loci on chromosome 3. Particular regions of the chromosome 3

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short arm are deleted in many types of cancer cells. Key tumor suppressing genes on chromosome 3 encode apoptosis mediator RASSF1, cell migration regulator HYAL1 and angiogenesis suppressor SEMA3B. Marfan Syndrome, porphyria, von Hippel-Lindau syndrome, osteogenesis imperfecta and Charcot-Marie-Tooth disease are a few of the numerous genetic diseases associated with chromosome 3.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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