

Anti-C5orf51 Polyclonal Antibody

Product Details

Ig Type:	IgG
Reactivity:	Human,Rat (predicted:Mouse,Dog,Horse,Rabbit)
Molecular Weight:	Theoretical: 34 kDa. Actual: 34 kDa.
Purification:	Protein A purified

Applications

Verified Activity:	1. Sample: Lovo Cell (Human) Lysate at 40 µg Primary: Anti-C5orf51 (TMAB-03457) at 1/300 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 34 kD Observed band size: 34 kD 2. Paraformaldehyde-fixed, paraffin embedded (rat liver cancer); 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 (C5orf51) Polyclonal Antibody, Unconjugated (TMAB-03457) at 1:500 overnight at 4°C, followed by a conjugated secondary for 20 minutes and DAB staining.
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 C5orf51
Antigen Species:	Human
Gene ID:	285636
Uniprot ID:	A6NDU8

Research Background

With 181 million base pairs encoding around 1,000 genes, chromosome 5 is about 6% of human genomic DNA. It is associated with Cockayne syndrome through the ERCC8 gene and familial adenomatous polyposis through the adenomatous polyposis coli (APC) tumor suppressor gene. Treacher Collins syndrome is also chromosome 5 associated and is caused by insertions or deletions within the TCOF1 gene. Deletion of the p arm of chromosome 5 leads to Cri du chat syndrome. Deletion of 5q or chromosome 5 altogether is common in therapy-related acute myelogenous leukemias and myelodysplastic syndrome. The LOC285636 gene product has been provisionally designated LOC285636 pending further characterization.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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