

Anti-C4orf29 Polyclonal Antibody

Product Details

Ig Type:	IgG
Reactivity:	Mouse (predicted:Human,Rat,Horse,Rabbit)
Molecular Weight:	Theoretical: 44 kDa. Actual: 44 kDa.
Purification:	Protein A purified

Applications

Verified Activity:	Sample: Kidney (Mouse) Lysate at 40 µg Primary: Anti-C4orf29 (bTMAB-03446) at 1/300 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 4 4 kD Observed band size: 4 4 kD
Application:	WB
Recommended	WB: 1:500-2000

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 C4orf29
Antigen Species:	Human
Gene ID:	80167
Uniprot ID:	Q0P651

Research Background

C4orf29 (chromosome 4 open reading frame 29) is a 414 amino acid secreted protein that exists as four alternatively spliced isoforms and is encoded by a gene that maps to human chromosome 4. Human chromosome 4 represents approximately 6% of the human genome and contains nearly 900 genes. Notably, the Huntingtin gene, which is found to encode an expanded glutamine tract in cases of Huntington's disease, is located on chromosome 4. FGFR-3 is also encoded by a gene that maps to human chromosome 4 and has been associated with thanatophoric dwarfism, achondroplasia, Muenke syndrome and bladder cancer. Chromosome 4 is also tied to Ellis-van Creveld syndrome, methylmalonic acidemia and polycystic kidney disease.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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