

Anti-KIAA1045 Polyclonal Antibody

Product Details

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

Applications

Verified Activity:	Sample: Cerebrum (Mouse) Lysate at 40 µg Primary: Anti-KIAA1045 (TMAB-08010) at 1/300 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 45 kD Observed band size: 45 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 KIAA1045
Antigen Species:	Human
Gene ID:	23349
Uniprot ID:	Q9UPV7

Research Background

KIAA1045 is a 400 amino acid protein that contains one PHD-type zinc finger. The gene encoding KIAA1045 maps to human chromosome 9p13.3. Chromosome 9 houses over 900 genes and comprises nearly 4% of the human genome. Considered to play a role in gender determination, deletion of the distal portion of chromosome 9p can lead to development of male to female sex reversal, the phenotype of a female with a male XY genotype. Hereditary hemorrhagic telangiectasia, which is characterized by harmful vascular defects, is associated with the chromosome 9 gene encoding endoglin protein, ENG. Familial dysautonomia is also associated with chromosome 9 through the gene IKBKAP. Notably, chromosome 9 encompasses the largest interferon family gene cluster. Chromosome 9 is partnered with chromosome 22 in the translocation leading to the aberrant production of a BCR-ABL fusion protein often found in leukemias.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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