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Datasheet for ABIN1699946
anti-C9orf169 antibody (AA 1-100) (Biotin)

Overview

Quantity:	100 µL
Target:	C9orf169 (C9ORF169)
Binding Specificity:	AA 1-100
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This C9orf169 antibody is conjugated to Biotin
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro)), ELISA

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human C9orf169
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	Purified by Protein A.

Target Details

Target:	C9orf169 (C9ORF169)
Alternative Name:	C9orf169 (C9ORF169 Products)
Background:	Synonyms: C9orf169, Chromosome 9 open reading frame 169, CI169_HUMAN, MGC59937,

Target Details

UPF0574 protein C9orf169.

Background: C9orf169 (chromosome 9 open reading frame 169) is a 423 amino acid single-pass membrane protein that belongs to the clpA/clpB family and torsin subfamily. The gene encoding C9orf169 maps to human chromosome 9q34.3. Chromosome 9 consists of about 145 million bases, represents 4 % of the human genome and encodes nearly 900 genes.

Thought to play a role in gender determination, deletion of the distal portion of 9p can lead to development of male to female sex reversal, the phenotype of a female with a male X,Y 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 though 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 BCR-ABL fusion protein often found in leukemias.

Gene ID: 375791

Application Details

Application Notes: WB 1:300-5000
IHC-P 1:200-400
IHC-F 1:100-500

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

Storage: -20 °C

Storage Comment: Store at -20°C for 12 months.

Expiry Date: 12 months