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Datasheet for ABIN4996389

anti-Chromosome 6 Open Reading Frame 134 (C6orf134) (AA 30-80) antibody (Alexa Fluor 680)

Overview

Quantity:	100 µL
Target:	Chromosome 6 Open Reading Frame 134 (C6orf134)
Binding Specificity:	AA 30-80
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	Alexa Fluor 680
Application:	Western Blotting (WB), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human alpha-TAT
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Purification:	Purified by Protein A.

Target Details

Target:	Chromosome 6 Open Reading Frame 134 (C6orf134)
Alternative Name:	alpha-TAT (C6orf134 Products)
Background:	Synonyms: C6orf134, Acetyltransferase mec 17 homolog, Alpha TAT, Alpha tubulin acetyltransferase 1, Alpha tubulin N acetyltransferase, Chromosome 6 open reading frame 134,

Target Details

Hypothetical protein LOC79969, MEC17, Nbla00487, TAT, ATAT_HUMAN.

Background: Making up nearly 6 % of the human genome, chromosome 6 contains around 1,200 genes within 170 million base pairs of sequence. Deletion of a portion of the q arm of chromosome 6 is associated with early onset intestinal cancer suggesting the presence of a cancer susceptibility locus. Porphyrria cutanea tarda is associated with chromosome 6 through the HFE gene which, when mutated, predisposes an individual to developing this porphyria. Notably, the PARK2 gene, which is associated with Parkinson's disease, and the genes encoding the major histocompatibility complex proteins, which are key molecular components of the immune system and determine predisposition to rheumatic diseases, are also located on chromosome 6. Stickler syndrome, 21-hydroxylase deficiency and maple syrup urine disease are also associated with genes on chromosome 6. A bipolar disorder susceptibility locus has been identified on the q arm of chromosome 6. The C6orf134 gene product has been provisionally designated C6orf134 pending further characterization.

Gene ID: 79969

UniProt: [Q5SQI0](#)

Application Details

Application Notes: IF(IHC-P) 1:50-200

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. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

Expiry Date: 12 months