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Datasheet for ABIN1423387

anti-C11orf46 antibody (Cy5.5)

Overview

Quantity:	100 µL
Target:	C11orf46
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This C11orf46 antibody is conjugated to Cy5.5
Application:	Western Blotting (WB), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human C11ORF46
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Purification:	Purified by Protein A.

Target Details

Target:	C11orf46
Alternative Name:	C11ORF46 (C11orf46 Products)
Background:	<p>Synonyms: Chromosome 11 open reading frame 46, DJ299F11.1, FLJ38968, Hypothetical protein LOC120534, Uncharacterized protein C11orf46, AL14E_HUMAN.</p> <p>Background: C11orf46, also known as FLJ38968 or dJ299F11.1, is a 260 amino acid protein that is encoded by a gene located on human chromosome 11. With approximately 135 million</p>

Target Details

base pairs and 1,400 genes, chromosome 11 makes up around 4 % of human genomic DNA and is considered a gene and disease association dense chromosome. The chromosome 11 encoded Atm gene is important for regulation of cell cycle arrest and apoptosis following double strand DNA breaks. Atm mutation leads to the disorder known as ataxia-telangiectasia. The blood disorders Sickle cell anemia and α thalassemia are caused by HBB gene mutations. Wilms' tumors, WAGR syndrome and Denys-Drash syndrome are associated with mutations of the WT1 gene. Jervell and Lange-Nielsen syndrome, Jacobsen syndrome, Niemann-Pick disease, hereditary angioedema and Smith-Lemli-Opitz syndrome are also associated with defects in chromosome 11.

Gene ID: 120534

Application Details

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

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 $\mu\text{g}/\mu\text{L}$

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