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Datasheet for ABIN1700490
anti-SAPCD2 antibody (AA 301-394) (Biotin)

Overview

Quantity:	100 µL
Target:	SAPCD2
Binding Specificity:	AA 301-394
Reactivity:	Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SAPCD2 antibody is conjugated to Biotin
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), ELISA, Immunohistochemistry (Frozen Sections) (IHC (fro))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human C9orf140
Isotype:	IgG
Cross-Reactivity:	Rat
Predicted Reactivity:	Human,Mouse,Cow,Horse,Chicken,Rabbit
Purification:	Purified by Protein A.

Target Details

Target:	SAPCD2
Alternative Name:	C9orf140 (SAPCD2 Products)

Target Details

Background: Synonyms: 2010317E24Rik, C9orf140, Chromosome 9 open reading frame 140, SAPC2_HUMAN, p42.3, Protein C9orf140, SAPCD2, Suppressor APC domain containing 2, Suppressor APC domain containing protein 2, TS/MDEP, Tumor specificity and mitosis phase-dependent expression protein.

Background: C9orf140 (chromosome 9 open reading frame 140), also known as TS/MDEP (tumor specificity and mitosis phase-dependent expression protein) or p42.3, is a 394 amino acid nuclear and cytoplasmic protein encoded by a gene that 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: 89958

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.

Handling

Storage: -20 °C

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

Expiry Date: 12 months