Datasheet for ABIN1712465

anti-Chromosome 15 Open Reading Frame 58 (C15orf58) (AA 301-385) antibody (HRP)

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Overview

Quantity:	100 µL
Target:	Chromosome 15 Open Reading Frame 58 (C15orf58)
Binding Specificity:	AA 301-385
Reactivity:	Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	HRP
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Frozen Sections) (IHC (fro)), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human GDPGP1/C15orf58
Isotype:	IgG
Cross-Reactivity:	Mouse, Rat
Predicted Reactivity:	Human,Pig,Horse
Purification:	Purified by Protein A.

Target Details

Target:	Chromosome 15 Open Reading Frame 58 (C15orf58)
Alternative Name:	GDPGP1/C15orf58 (C15orf58 Products)

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Target Details

Background:	Synonyms: C15orf58, Chromosome 15 open reading frame 58, GDP-D-glucose phosphorylase 1, GDP-D-glucose phosphorylase C15orf58, gdpgp1, GDPP1_HUMAN, VTC2. Background: Encoding more than 700 genes, chromosome 15 is made up of approximately 106 million base pairs and is about 3 % of the human genome. Angelman and Prader-Willi syndromes are associated with loss of function or deletion of genes in the 15q11-q13 region. In the case of Angelman syndrome, this loss is due to inactivity of the maternal 15q11-q13 encoded UBE3A gene in the brain by either chromosomal deletion or mutation. In cases of Prader-Willi syndrome, there is a partial or complete deletion of this region from the paternal copy of chromosome 15. Tay-Sachs disease is a lethal disorder associated with mutations of the HEXA gene, which is encoded by chromosome 15. Marfan syndrome is associated with chromosome 15 through the FBN1 gene. The LOC390637 gene product has been provisionally designated LOC390637 pending further characterization.
Gene ID:	390637

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 Advice:	Do NOT add Sodium Azide! Use of Sodium Azide will inhibit enzyme activity of horseradish peroxidase.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

Handling

Expiry Date:	12 months

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