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CXorf36 Rabbit pAb

Catalog # AP98313

Product Information

Application	IHC-P, IHC-F, IF
Primary Accession	Q9H7Y0
Other Accession	Q9H7Y0
Reactivity	Human
Predicted	Rat, Mouse, Dog
Host	Rabbit
Clonality	Polyclonal
Calculated MW	48555
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human CXorf36
Epitope Specificity	91-182/182
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SIMILARITY	Belongs to the DIA1 family.
DISEASE	Note=Genetic variations in CXorf36 may be associated with susceptibility to autism.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	The X and Y chromosomes are the human sex chromosomes. Chromosome X consists of about 153 million base pairs and nearly 1,000 genes. The combination of an X and Y chromosome lead to normal male development while two copies of X lead to normal female development. There are a number of conditions related to an unsual number and combination of sex chromosomes being inherited. More than one copy of the X chromosome with a Y chromosome causes Klinefelter's syndrome. A single copy of X alone leads to Turner's syndrome. More than 2 copies of the X chromosome, in the absence of a Y chromosome, is known as Triple X syndrome. Color blindness, hemophilia, and Duchenne muscular dystrophy are well known X chromosome-linked conditions which affect males more frequently as males carry a single X chromosome. The CXorf36 gene product has been provisionally designated CXorf36 pending further characterization.

Additional Information

Gene ID	79742
Other Names	4930578C19Rik; CXorf36; DIA1R; EPQL1862; PRO3743; bA435K1.1; DIK2B_HUMAN; DIPK2B; Deleted in autism-related protein 1; divergent protein kinase domain 2B; chromosome X open reading frame 36
Dilution	IHC-P=1:100-500,IHC-F=1:100-500,IF=1:100-500

Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

Protein Information

Name	DIPK2B (HGNC:25866)
Cellular Location	Secreted.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.