

CENPBD1 Rabbit pAb

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Catalog # AP55311

Product Information

Application	IHC-P, IHC-F, IF
Primary Accession	B2RD01
Predicted	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	21052
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human CENPBD1
Epitope Specificity	21-120/187
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SUBCELLULAR LOCATION	Nucleus.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	CENPBD1 is a 187 amino acid nuclear protein that contains one HTH CENPB-type DNA-binding domain and a HTH psq-type DNA-binding domain. The gene encoding CENPBD1 maps to human chromosome 16, which encodes over 900 genes in approximately 90 million base pairs, makes up nearly 3% of human cellular DNA and is associated with a variety of genetic disorders. The GAN gene is located on chromosome 16 and, with mutation, may lead to giant axonal neuropathy, a nervous system disorder characterized by increasing malfunction with growth. The rare disorder Rubinstein-Taybi syndrome is also associated with chromosome 16, through the CREBBP gene which encodes a critical CREB binding protein. Signs of Rubinstein-Taybi include mental retardation and predisposition to tumor growth and white blood cell neoplasias. Crohn's disease is a gastrointestinal inflammatory condition associated with chromosome 16 through the NOD2 gene.

Additional Information

Other Names	Putative CENPB DNA-binding domain-containing protein 1, CENPBD1P (HGNC:28272), CENPBD1
Dilution	IHC-P=1:100-500,IHC-F=1:100-500,ICC/IF=1:100-500,IF=1:100-500,ELISA=1:500 0-10000
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	CENPBD1P (HGNC:28272)
Synonyms	CENPBD1
Cellular Location	Nucleus {ECO:0000255 PROSITE-ProRule:PRU00320, ECO:0000255 PROSITE-ProRule:PRU00583}

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