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BEND2 Rabbit pAb

Catalog # AP97503

Product Information

Application	WB, IHC-P, IHC-F, IF, E
Primary Accession	Q8NDZ0
Other Accession	Q8NDZ0
Predicted	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	87919
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human BEND2/CXorf56
Epitope Specificity	101-200/799
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SIMILARITY	Contains 2 BEN domains.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	BEND2 is a 799 amino acid protein that contains two BEN domains. BEND2 exists as two alternatively spliced isoforms and is considered a complete proteome. BEN domain mediates protein–DNA and protein–protein interactions during chromatin organization and transcription. BEN domain may play a role in organization of viral DNA during replication or transcription. The BEND2 gene maps to human chromosome Xp22.13. Chromosome X consists of about 153 million base pairs and nearly 1,000 genes. The X and Y chromosomes are the human sex chromosomes. The combination of an X and Y chromosome lead to normal male development while two copies of X lead to normal female development. 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.

Additional Information

Gene ID	139105
Other Names	CXorf20; BEND2_HUMAN; BEND2; BEN domain containing 2; chromosome X open reading frame 20
Dilution	WB=1:500-2000,IHC-P=1:100-500,IHC-F=1:100-500,ICC/IF=1:100-500,IF=1:100-500,ELISA=1:5000-10000
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	BEND2
Synonyms	CXorf20
Cellular Location	Nucleus.

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