10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

ZNF711/ZNF5 Rabbit pAb

ZNF711/ZNF5 Rabbit pAb
Catalog # AP57116

Product Information

Application	IHC-P, IHC-F, IF
Primary Accession	Q9Y462
Predicted	Rat, Dog, Human, Mouse, Rabbit, Horse, Sheep
Host	Rabbit
Clonality	Polyclonal
Calculated MW	86245
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human ZNF711/ZNF5
Epitope Specificity	501-600/761
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.
DISEASE	Defects in ZNF711 are the cause of mental retardation X-linked ZNF711-related (MRXZ) [MIM:300803]. Mental retardation is characterized by significantly below average general intellectual functioning associated with impairments in adaptative behavior and manifested during the developmental period.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	This gene encodes a zinc finger protein of unknown function. It bears similarity to a zinc finger protein which acts as a transcriptional activator. This gene lies in a region of the X chromosome which has been associated with mental retardation. [provided by RefSeq, Jul 2008]

Additional Information

Gene ID	7552
Other Names	Zinc finger protein 711, Zinc finger protein 6, ZNF711, CMPX1, ZNF6
Dilution	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	ZNF711
Synonyms	CMPX1, ZNF6
Function	Transcription regulator required for brain development (PubMed: 20346720). Probably acts as a transcription factor that binds to the promoter of target genes and recruits PHF8 histone demethylase, leading to activated expression of genes involved in neuron development, such as KDM5C (PubMed:20346720, PubMed:31691806). May compete with transcription factor ARX for activation of expression of KDM5C (PubMed:31691806).
Cellular Location	Nucleus.
Tissue Location	Expressed in neural tissues.

Background

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

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