

IRF2BPL Rabbit pAb

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Catalog # AP56363

Product Information

Application	WB, IHC-P, IHC-F, IF
Primary Accession	Q9H1B7
Predicted	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	82659
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human IRF2BPL
Epitope Specificity	251-350/796
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	May contribute to the control of female reproductive function. May play a role in gene transcription by transactivating GNRH1 promoter and repressing PENK promoter.

Additional Information

Gene ID	64207
Other Names	Probable E3 ubiquitin-protein ligase IRF2BPL, 2.3.2.27, Enhanced at puberty protein 1, Interferon regulatory factor 2-binding protein-like, IRF2BPL, C14orf4, EAP1, KIAA1865
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	IRF2BPL
Synonyms	C14orf4, EAP1, KIAA1865

Function	Probable E3 ubiquitin protein ligase involved in the proteasome-mediated ubiquitin-dependent degradation of target proteins (PubMed: 29374064). Through the degradation of CTNNB1, functions downstream of FOXF2 to negatively regulate the Wnt signaling pathway (PubMed: 29374064). Probably plays a role in the development of the central nervous system and in neuronal maintenance (Probable). Also acts as a transcriptional regulator of genes controlling female reproductive function. May play a role in gene transcription by transactivating GNRH1 promoter and repressing PENK promoter (By similarity).
Cellular Location	Nucleus {ECO:0000250 UniProtKB:Q5EIC4}.
Tissue Location	Highly expressed in the heart, moderately in skeletal muscle and pancreas, and weakly in brain, kidney, liver, testis, thyroid gland and lymphocytes.

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