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ZNF645 Rabbit pAb

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Catalog # AP58161

Product Information

Application	WB, IHC-P, IHC-F, IF
Primary Accession	Q8N7E2
Predicted	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	48785
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human ZNF645
Epitope Specificity	1-100/427
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	Preservative: 0.02% Proclin300, Constituents: 1% BSA, 0.01M PBS, pH7.4.
SUBCELLULAR LOCATION	Nuclear.
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 member of the zinc finger domain-containing protein family. This family member contains both a RING-type and a C2H2-type of zinc finger domain, and it may function as an E3 ubiquitin-protein ligase. Protein localization suggests a role in human sperm production and quality control. [provided by RefSeq, Aug 2011]

Additional Information

Gene ID	158506
Other Names	E3 ubiquitin-protein ligase CBLL2, 2.3.2.27, Cbl proto-oncogene-like protein 2, RING-type E3 ubiquitin transferase ZNF645, Zinc finger protein 645, c-Cbl-like protein 2, CBLL2 (HGNC:26371), ZNF645
Dilution	WB=1:500-2000,IHC-P=1:100-500,IHC-F=1:100-500,ICC/IF=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	CBLL2 (HGNC:26371)

Synonyms	ZNF645
Function	E3 ubiquitin ligase catalyzing the covalent attachment of ubiquitin moieties onto substrate proteins (PubMed:20657603). May operate on tyrosine-phosphorylated SRC substrates (PubMed:22252131).
Cellular Location	Cytoplasm. Note=Localized over the postacrosomal perinuclear theca region and the entire length of sperm tail.
Tissue Location	Exclusively expressed in testis and sperm, including spermatocytes, round and elongated spermatids, and Leydig cells.

Background

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