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SCAND2 Rabbit pAb

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Catalog # AP56633

Product Information

Application	IHC-P, IHC-F, IF
Primary Accession	Q9GZW5
Predicted	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	34217
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human SCAND2
Epitope Specificity	1-100/306
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	Nuclear
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	SCAND2 is a 306 amino acid nuclear protein that may play a role in the mechanism of transcriptional regulation. SCAND2 contains one SCAN box domain and, unlike most SCAN box domain-containing proteins, is devoid of a C2H2-type zinc-finger domain. The SCAN box domain is a conserved leucine rich motif, approximately 60 amino acids in length, that participates in protein-protein interactions. The SCAND2 gene is a fusion gene created by the retropositioning of a PHD2 (also known as EGLN1) gene copy from chromosome 1 onto an ancestral SCAN zinc finger gene, followed by exon shuffling. The resulting SCAND2 gene product has an N-terminal SCAN domain and a C-terminus derived from the PHD2 gene. SCAND2 exists as 2 isoforms produced by alternative splicing.

Additional Information

Other Names	Putative SCAN domain-containing protein SCAND2P, SCAN domain-containing protein 2 pseudogene, SCAND2P, SCAND2
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	SCAND2P
Synonyms	SCAND2
Cellular Location	Nucleus {ECO:0000255|PROSITE-ProRule:PRU00187}.

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