

bs-17267R**[Primary Antibody]****SCAND2 Rabbit pAb**

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— DATASHEET —

Host: Rabbit	Isotype: IgG	Applications: IHC-P (1:100-500) IHC-F (1:100-500) IF (1:100-500) ICC/IF (1:100-500) ELISA (1:5000-10000) Reactivity: (predicted: Human) Predicted MW.: 34 kDa Subcellular Location: Nucleus
Clonality: Polyclonal		
GeneID: 54581	SWISS: Q9GZW5	
Target: SCAND2		
Immunogen: KLH conjugated synthetic peptide derived from human SCAND2: 1-100/306.		
Purification: affinity purified by Protein A		
Concentration: 1mg/ml		
Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.		
Background: 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.		