

Product name:	Stonin-1 Rabbit Polyclonal Antibody
Cat number:	ABN18402
Conjugate:	Unconjugated
Size:	100µL
Clone:	Polyclonal
Concentration:	1mg/ml
Host:	Rabbit
Isotype:	IgG
Immunogen:	The antiserum was produced against synthesized peptide derived from human STON1. AA range:686-735
Reactivity:	Human,Rat,Mouse
Applications:	WB 1:500-1:2000,IHC 1:100-1:300,ICC/IF 1:200-1:1000,ELISA 1:5000-1:20000
Molecular Weight:	83kDa
Purification:	Affinity purification
Form:	Liquid
Buffer:	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% New type preservative N.
Storage:	Store at 4°C short term. Aliquot and store at -20°C for 12 months. Avoid freeze/thaw cycles.

Background:

stonin 1(STON1) Homo sapiens Endocytosis of cell surface proteins is mediated by a complex molecular machinery that assembles on the inner surface of the plasma membrane. This gene encodes one of two human homologs of the *Drosophila melanogaster* stoned B protein. This protein is related to components of the endocytic machinery and exhibits a modular structure consisting of an N-terminal proline-rich domain, a central region of homology specific to the human stoned B-like proteins, and a C-terminal region homologous to the mu subunits of adaptor protein (AP) complexes. Read-through transcription of this gene into the neighboring downstream gene, which encodes TFIIA-alpha/beta-like factor, generates a transcript (SALF), which encodes a fusion protein comprised of sequence sharing identity with each individual gene product. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Oct 2010],caution:The sequence shown here is derived from an Ensembl automatic analysis pipeline and should be considered as preliminary data.,function:May be involved in the endocytic machinery.,function:May function as a testis specific transcription factor. Binds DNA in conjunction with GTF2A2 and TBP (the TATA-binding protein) and together with GTF2A2, allows mRNA transcription.,miscellaneous:In contrast to other members of the family, it does not contain NPF (Asn-Pro-Phe) sites and thereby does not interact with EPS15, EPS15R and ITSN1.,sequence caution:Chimeric cDNA. The biological existence and relevance of this product of both SALF (AC Q9Y6Q2) and GTF2A1LF genes, creating a chimeric protein of 1182 residues is uncertain.,sequence caution:Chimeric cDNA. The biological existence and relevance of this product of both SALF and GTF2A1LF (AC Q9UNN4) genes, which codes for a chimeric protein of 1182 residues is uncertain.,similarity:Belongs to the Stoned B family.,similarity:Belongs to the TFIIA subunit 1 family.,similarity:Contains 1 MHD (mu homology) domain.,similarity:Contains 1 SHD (stonin homology) domain.,subcellular location:Some fraction is membrane-associated.,tissue specificity:Testis specific.,tissue specificity:Ubiquitous.,