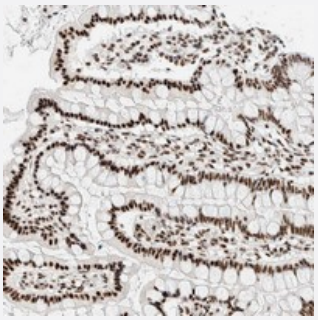
SON polyclonal antibody

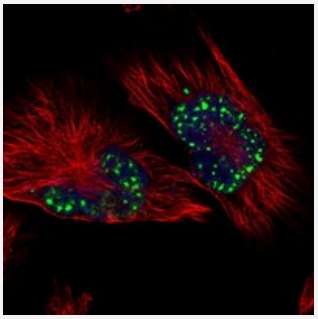
Catalog # PAB21585 Size 100 uL

Applications



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining of human small intestine with SON polyclonal antibody (Cat # PAB21585) shows strong nuclear positivity in glandular cells.



Immunofluorescence

Immunofluorescent staining of human cell line U-251MG with SON polyclonal antibody (Cat # PAB21585) at 1-4 ug/mL dilution shows positivity in nuclei but not nucleoli.

Specification

Product Description	Rabbit polyclonal antibody raised against recombinant SON.
Immunogen	Recombinant protein corresponding to amino acids of human SON.
Sequence	TEVAIESTPMILESSIMSSHVMKGINLSSGDQNLAPEIGMQEIALHSGEEPHAEEHLKGDFYESEHG INIDLNINNHLIAKEMEHNTVCAAGTSPVGEIGEEKILPTSETKQRTVLDTYPGVSEADAGETLSSTG P
Host	Rabbit
Reactivity	Human
Form	Liquid

Purification	Antigen affinity purification
Isotype	IgG
Recommend Usage	Immunohistochemistry (1:1000-1:2500) Immunofluorescence (1-4 ug/mL) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.2 (40% glycerol, 0.02% sodium azide)
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

Applications

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

  Immunohistochemical staining of human small intestine with SON polyclonal antibody (Cat # PAB21585) shows strong nuclear positivity in glandular cells.

- Immunofluorescence

  Immunofluorescent staining of human cell line U-251MG with SON polyclonal antibody (Cat # PAB21585) at 1-4 ug/mL dilution shows positivity in nuclei but not nucleoli.

Gene Info — SON

Entrez GeneID	6651
Protein Accession#	P18583
Gene Name	SON
Gene Alias	BASS1, C21orf50, DBP-5, FLJ21099, FLJ33914, KIAA1019, NREBP, SON3
Gene Description	SON DNA binding protein
Omim ID	182465
Gene Ontology	Hyperlink

Gene Summary	The protein encoded by this gene binds to a specific DNA sequence upstream of the upstream regulatory sequence of the core promoter and second enhancer of human hepatitis B virus (HBV). Through this binding, it represses HBV core promoter activity, transcription of HBV genes, and production of HBV virions. The protein shows sequence similarities with other DNA-binding structural proteins such as gallin, oncoproteins of the MYC family, and the oncoprotein MOS. It may also be involved in protecting cells from apoptosis and in pre-mRNA splicing. Several transcript variants encoding different isoforms have been described for this gene, but the full-length nature of only two of them has been determined. [provided by RefSeq
Other Designations	Bax antagonist selected in Saccharomyces 1|NRE-binding protein|SON DNA-binding protein|negative regulatory element-binding protein

Publication Reference

- Involvement of SRSF11 in cell cycle-specific recruitment of telomerase to telomeres at nuclear speckles.

  Lee JH, Jeong SA, Khadka P, Hong J, Chung IK.

  Nucleic Acids Research 2015 Sep; 43(17):8435.

  Application: FISH, IF, IP, Human, HeLa S3, MCF7 cells