

Datasheet for ABIN7467870 **anti-SON antibody**



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Overview

Quantity:	100 µL
Target:	SON
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SON antibody is un-conjugated
Application:	Immunocytochemistry (ICC), Immunofluorescence (IF)

Product Details

Immunogen:	Recombinant protein encompassing a sequence within the center region of human SON. The exact sequence is proprietary.
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	Purified by antigen-affinity chromatography.

Target Details

Target:	SON
Alternative Name:	SON DNA binding protein (SON Products)
Background:	SON DNA binding protein , BASS1 , C21orf50 , DBP-5 , NREBP , SON3 , TOKIMS, 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).

Target Details

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]

Molecular Weight: 264 kDa

Gene ID: 6651

UniProt: [P18583](#)

Application Details

Application Notes: ICC/IF: 1:100-1:1000. Optimal dilutions/concentrations should be determined by the researcher.
Not tested in other applications.

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 mg/mL

Buffer: 1XPBS (pH 7), 20 % Glycerol, 0.025 % ProClin 300

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C,-20 °C

Storage Comment: Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.