

Anti-DBP5 / SON Antibody (aa1413-1628)
Rabbit Anti Human Polyclonal Antibody
Catalog # ALS18277**Specification**

Anti-DBP5 / SON Antibody (aa1413-1628) - Product Information

Application	IHC-P, IF, ICC
Primary Accession	P18583
Predicted	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Calculated MW	263830

Anti-DBP5 / SON Antibody (aa1413-1628) - Additional Information**Gene ID** 6651**Alias Symbol** SON**Other Names**

SON, C21orf50, DBP5, DBP-5, KIAA1019, NREBP, Protein SON, Protein DBP-5, SON DNA binding protein, NRE-binding protein, SON3, BASS1

Target/Specificity

Human DBP5 / SON.

Reconstitution & Storage

Immunoaffinity purified

Precautions

Anti-DBP5 / SON Antibody (aa1413-1628) is for research use only and not for use in diagnostic or therapeutic procedures.

Anti-DBP5 / SON Antibody (aa1413-1628) - Protein Information**Name** SON**Synonyms** C21orf50, DBP5, KIAA1019, NREBP**Function**

RNA-binding protein that acts as a mRNA splicing cofactor by promoting efficient splicing of transcripts that possess weak splice sites. Specifically promotes splicing of many cell-cycle and DNA-repair transcripts that possess weak splice sites, such as TUBG1, KATNB1, TUBGCP2, AURKB, PCNT, AKT1, RAD23A, and FANCG. Probably acts by facilitating the interaction between Serine/arginine-rich proteins such as SRSF2 and the RNA polymerase II. Also binds to DNA; binds to the consensus DNA sequence: 5'-GA[GT]AN[CG][AG]CC-3'. May indirectly repress hepatitis B virus (HBV) core promoter activity and transcription of HBV genes and production of HBV virions. Essential for correct RNA splicing of multiple genes critical for brain development, neuronal

migration and metabolism, including TUBG1, FLNA, PNKP, WDR62, PSMD3, PCK2, PFKL, IDH2, and ACY1 (PubMed:27545680).

Cellular Location

Nucleus speckle Note=Colocalizes with the pre-mRNA splicing factor SRSF2

Tissue Location

Widely expressed, with the higher expression seen in leukocyte and heart

Anti-DBP5 / SON Antibody (aa1413-1628) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Anti-DBP5 / SON Antibody (aa1413-1628) - Images