

Rabbit anti-Human ASZ1 Polyclonal Antibody | anti-ASZ1 antibody

ASZ1 Antibody

CATALOG # AAA230589	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry, ELISA
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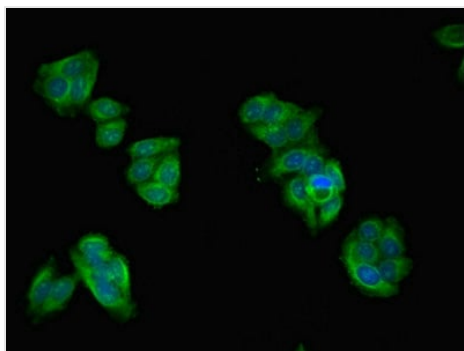
PRODUCT SYNONYMS

ASZ1; Polyclonal Antibody; ASZ1 Antibody; Ankyrin repeat; SAM and basic leucine zipper domain-containing protein 1; Ankyrin-like protein 1; Germ cell-specific ankyrin; SAM and basic leucine zipper domain-containing protein; anti-ASZ1 antibody

PRODUCT SPECIFICATIONS

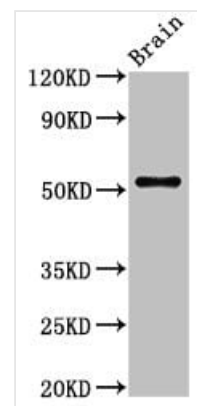
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	>95%,Protein G purified
Form/Format	Liquid
Sequence Length	466
Applicable Applications for anti-ASZ1 antibody	IHC (Immunohistochemistry), ELISA
Immunogen	Recombinant human Ankyrin repeat, SAM and basic leucine zipper domain-containing protein 1 protein
Conjugation	Non-conjugated
Storage Buffer	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, PH 7.4
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-79854 / sc-79852
Preparation and Storage	Shipped at 4 degree C. Upon delivery, aliquot and store at -20 degree C or -80 degree C.

IMAGES



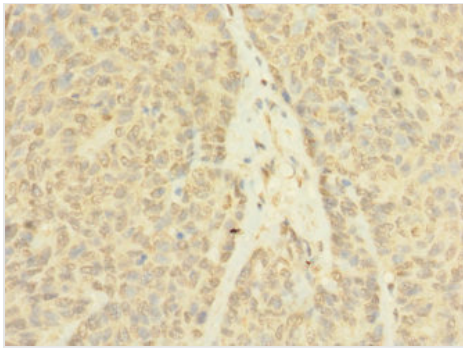
IF (Immunofluorescence)

Immunofluorescent analysis of HepG2 cells using AAA230589 at a dilution of 1:100 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)

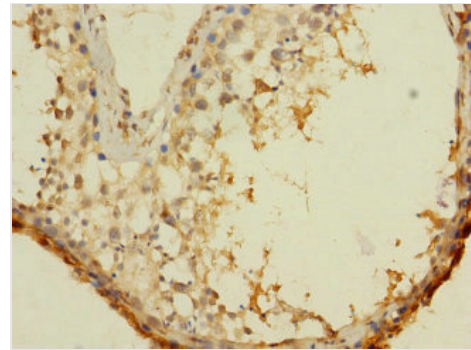


WB (Western Blot)

Western BlotPositive WB detected in: Rat brain tissueAll lanes: ASZ1 antibody at 2.7ug/mlSecondaryGoat polyclonal to rabbit IgG at 1/50000 dilutionPredicted band size: 54,53 KDaObserved band size: 54 KDa



IHC (Immunohistochemistry)
Immunohistochemistry of paraffin-embedded human ovarian cancer AAA230589 at dilution 1:100



IHC (Immunohistochemistry)
Immunohistochemistry of paraffin-embedded human testis tissue AAA230589 at dilution 1:100

ADDITIONAL INFORMATION

Related Product Information for anti-ASZ1 antibody

Plays a central role during spermatogenesis by repressing transposable elements and preventing their mobilization, which is essential for the germline integrity. Acts via the piRNA metabolic process, which mediates the repression of transposable elements during meiosis by forming complexes composed of piRNAs and Piwi proteins and governs the methylation and subsequent repression of transposons. Its association with pi-bodies suggests a participation in the primary piRNAs metabolic process. Required prior to the pachytene stage to facilitate the production of multiple types of piRNAs, including those associated with repeats involved in the regulation of retrotransposons. May act by mediating protein-protein interactions during germ cell maturation.

NCBI AND UNIPROT INFORMATION

NCBI GI #	685844859
NCBI GeneID	136991
NCBI Accession #	NP_001288750.1
NCBI GenBank Nucleotide #	NM_001301821.1
UniProt Accession #	Q8WWH4; A0AV27; A4D0V0; B7ZM20
Molecular Weight	52,432 Da
NCBI Official Full Name	ankyrin repeat, SAM and basic leucine zipper domain-containing protein 1 isoform 2
NCBI Official Synonym Full Names	ankyrin repeat, SAM and basic leucine zipper domain containing 1
NCBI Official Symbol	ASZ1
NCBI Official Synonym Symbols	ALP1; GASZ; Orf3; ANKL1; C7orf7; CT1.19
NCBI Protein Information	ankyrin repeat, SAM and basic leucine zipper domain-containing protein 1
UniProt Protein Name	Ankyrin repeat, SAM and basic leucine zipper domain-containing protein 1
UniProt Gene Name	ASZ1
UniProt Entry Name	ASZ1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/asz1-antibody-immunohistochemistry-elisa/230589>