

Datasheet for ABIN7144247
anti-ASZ1 antibody (AA 1-200)[Go to Product page](#)

4 Images

Overview

Quantity:	100 µg
Target:	ASZ1
Binding Specificity:	AA 1-200
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ASZ1 antibody is un-conjugated
Application:	ELISA, Western Blotting (WB), Immunohistochemistry (IHC), Immunofluorescence (IF)

Product Details

Immunogen:	Recombinant Human Ankyrin repeat, SAM and basic leucine zipper domain-containing protein 1 protein (1-200AA)
Isotype:	IgG
Cross-Reactivity:	Human, Rat
Purification:	>95%, Protein G purified

Target Details

Target:	ASZ1
Alternative Name:	ASZ1 (ASZ1 Products)
Background:	Background: Plays a central role during spermatogenesis by repressing transposable elements

Target Details

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.

Aliases: ASZ1 antibody, ALP1 antibody, ANKL1 antibody, C7orf7 antibody, GASZAnkyrin repeat antibody, SAM and basic leucine zipper domain-containing protein 1 antibody, Ankyrin-like protein 1 antibody, Germ cell-specific ankyrin antibody, SAM and basic leucine zipper domain-containing protein antibody

UniProt: [Q8WWH4](#)

Application Details

Application Notes: Recommended dilution: WB:1:500-1:5000, IHC:1:20-1:200, IF:1:50-1:200,

Restrictions: For Research Use only

Handling

Format: Liquid

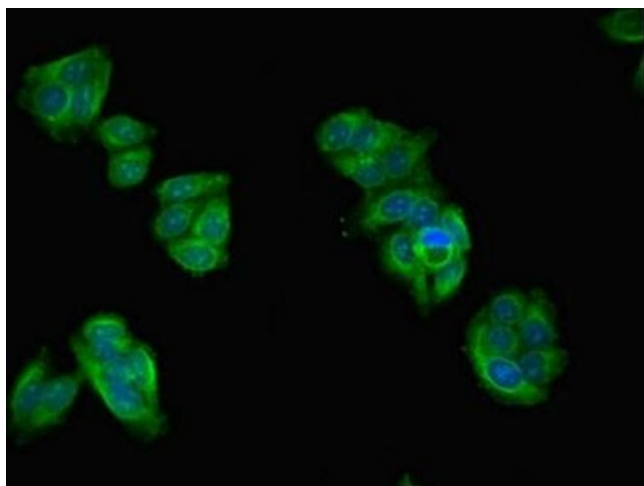
Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4

Preservative: ProClin

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

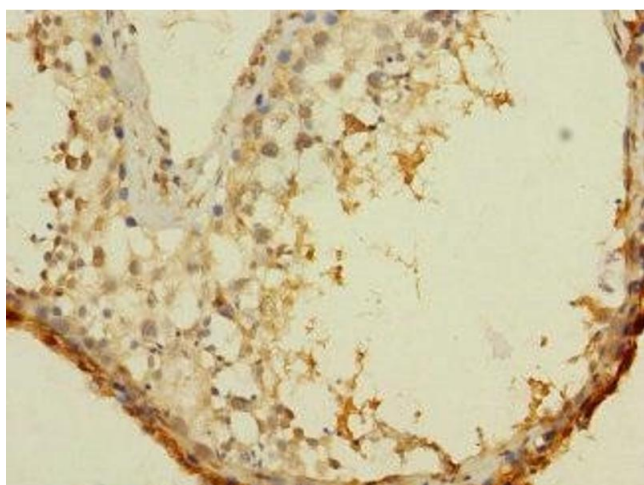
Storage: -20 °C,-80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



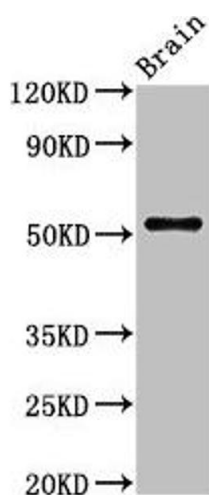
Immunofluorescence

Image 1. Immunofluorescent analysis of HepG2 cells using ABIN7144247 at dilution of 1:100 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)



Immunohistochemistry

Image 2. Immunohistochemistry of paraffin-embedded human testis tissue using ABIN7144247 at dilution of 1:100



Western Blotting

Image 3. Western Blot Positive WB detected in: Rat brain tissue All lanes: ASZ1 antibody at 2.7 µg/mL Secondary Goat polyclonal to rabbit IgG at 1/50000 dilution Predicted band size: 54, 53 kDa Observed band size: 54 kDa

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN7144247.