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Datasheet for ABIN7144250
anti-ASZ1 antibody (AA 1-200) (HRP)

Overview

Quantity:	100 µg
Target:	ASZ1
Binding Specificity:	AA 1-200
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ASZ1 antibody is conjugated to HRP
Application:	ELISA

Product Details

Immunogen:	Recombinant Human Ankyrin repeat, SAM and basic leucine zipper domain-containing protein 1 protein (1-200AA)
Isotype:	IgG
Cross-Reactivity:	Human
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: Optimal working dilution should be determined by the investigator.

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.