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Datasheet for ABIN928182
anti-PSMC3IP antibody (C-Term)

1 Image

Overview

Quantity:	100 µL
Target:	PSMC3IP
Binding Specificity:	C-Term
Reactivity:	Mouse, Human, Rat, Dog, Cow, Zebrafish (Danio rerio), Chicken, Xenopus laevis
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PSMC3IP antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	PSMC3 IP antibody was raised in rabbit using the C terminal of PSMC3 P as the immunogen
Cross-Reactivity:	Mouse (Murine), Rat (Rattus), Frog, Dog (Canine), Chicken, Cow (Bovine), Zebrafish (Brachydanio rerio)
Purification:	Purified

Target Details

Target:	PSMC3IP
Alternative Name:	PSMC3IP (PSMC3IP Products)
Background:	PSMC3IP plays an important role in meiotic recombination. It stimulates DMC1-mediated strand exchange required for pairing homologous chromosomes during meiosis. The complex PSMC3IP/MND1 binds DNA, stimulates the recombinase activity of DMC1 as well as DMC1 D-

Target Details

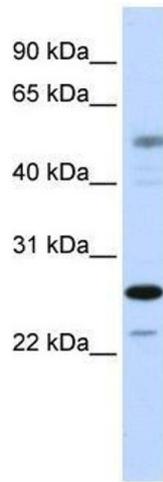
loop formation from double-strand DNA. This complex stabilizes presynaptic RAD51 and DMC1 filaments formed on single strand DNA to capture double-strand DNA. This complex stimulates both synaptic and presynaptic critical steps in RAD51 and DMC1-promoted homologous pairing. It may inhibit HIV-1 viral protein TAT activity and modulate the activity of proteasomes through association with PSMC3. Synonyms: Polyclonal PSMC3IP antibody, Anti-PSMC3IP antibody, PSMC3 interacting protein antibody, GT198 antibody, HOP2 antibody, TBPIP antibody.

Application Details

Application Notes:	WB: 0.2-1 µg/mL Optimal conditions should be determined by the investigator.
Comment:	PSMC3IP Blocking Peptide, catalog no. 33R-7037, is also available for use as a blocking control in assays to test for specificity of this PSMC3IP antibody
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Concentration:	Lot specific
Buffer:	Lyophilized powder. Add 50 µL of distilled water. Final antibody concentration is 1 mg/mL in PBS buffer.
Handling Advice:	Avoid repeated freeze/thaw cycles.
Storage:	4 °C/-20 °C
Storage Comment:	Store at 4 °C, following reconstitution, aliquot and store at -20 °C.



Western Blotting

Image 1. Western Blot showing PSMC3IP antibody used at a concentration of 1-2 ug/ml to detect its target protein.