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Datasheet for ABIN7270538
anti-SPIRE2 antibody (AA 1-190)

1 Image

Overview

Quantity:	100 µL
Target:	SPIRE2
Binding Specificity:	AA 1-190
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SPIRE2 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Purpose:	SPIRE2 Rabbit pAb
Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 1-190 of human SPIRE2 (NP_115827.1).
Sequence:	MARAGSCGGA AAGAGRPEPW ELSLEEV LKA YEQPLNEEQA WAVCFQGCRG LRGSPGRRLR DTGDL LRGD GSVGAREPEA AEPATMVVPL ASSEAQTVQS LGFAIYRALD WGLDESEERE LSPQLERLID LMANN DSEDS GCGAADEGYG GPEEEEEAE G VPRSVRTFAQ AMRLCAARLT DPRGAQAHYQ
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Polyclonal Antibodies

Product Details

Purification: Affinity purification

Target Details

Target: SPIRE2

Alternative Name: SPIRE2 ([SPIRE2 Products](#))

Background: Acts as an actin nucleation factor, remains associated with the slow-growing pointed end of the new filament. Involved in intracellular vesicle transport along actin fibers, providing a novel link between actin cytoskeleton dynamics and intracellular transport (By similarity. Required for asymmetric spindle positioning and asymmetric cell division during meiosis. Required for normal formation of the cleavage furrow and for polar body extrusion during female germ cell meiosis. Also acts in the nucleus: together with SPIRE1 and SPIRE2, promotes assembly of nuclear actin filaments in response to DNA damage in order to facilitate movement of chromatin and repair factors after DNA damage.,SPIRE2,Spir-2,Signal Transduction,Cell Biology & Developmental Biology,Cytoskeleton,Microfilaments,SPIRE2

Molecular Weight: 65kDa/74kDa/79kDa

Gene ID: 84501

UniProt: [Q8WWL2](#)

Application Details

Application Notes: WB,1:500 - 1:2000

Restrictions: For Research Use only

Handling

Format: Liquid

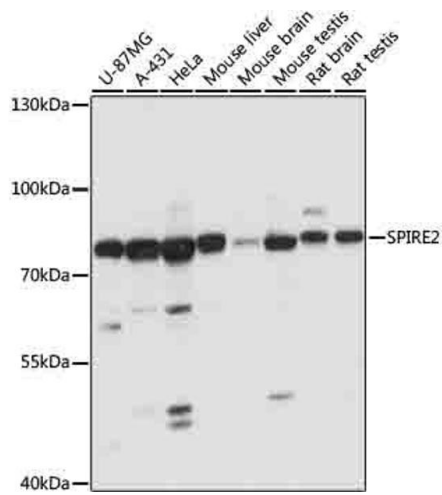
Buffer: PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.

Preservative: Sodium azide

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

Storage: -20 °C

Storage Comment: Store at -20°C. Avoid freeze / thaw cycles.



Western Blotting

Image 1. Western blot analysis of extracts of various cells, using SPIRE2 antibody (ABIN7270538) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3 % nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 1s.