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Datasheet for ABIN7469432 **anti-IST1 antibody**

Overview

Quantity:	100 µL
Target:	IST1
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This IST1 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	Recombinant protein encompassing a sequence within the center region of human IST1. The exact sequence is proprietary.
Isotype:	IgG
Cross-Reactivity:	Mouse
Purification:	Purified by antigen-affinity chromatography.

Target Details

Target:	IST1
Alternative Name:	IST1 (IST1 Products)
Background:	Synonyms: IST1 factor associated with ESCRT-III , CHMP8 , OLC1 Background: Proposed to be involved in specific functions of the ESCRT machinery. Is required for efficient abscission during cytokinesis, but not for HIV-1 budding. The involvement in the

Target Details

	MVB pathway is not established. Involved in recruiting VPS4A and/or VPS4B to the midbody of dividing cells.
Molecular Weight:	40 kDa
Gene ID:	9798
UniProt:	P53990
Pathways:	Regulation of Cell Size

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	1XPBS (pH 7), 40 % Glycerol, 0.01 % Thimerosal
Preservative:	Thimerosal (Merthiolate)
Precaution of Use:	This product contains Thimerosal (Merthiolate): a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.