Datasheet for ABIN7157141

anti-IST1 antibody (AA 172-284) (HRP)

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Overview

Quantity:	100 µg
Target:	IST1
Binding Specificity:	AA 172-284
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This IST1 antibody is conjugated to HRP
Application:	ELISA

Product Details

Immunogen:	Recombinant Human IST1 homolog protein (172-284AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	IST1
Alternative Name:	IST1 (IST1 Products)
Background:	Background: ESCRT-III-like protein involved in specific functions of the ESCRT machinery. Is required for efficient abscission during cytokinesis, but not for HIV-1 budding. The involvement

Target Details

	in the MVB pathway is not established. Involved in recruiting VPS4A and/or VPS4B to the midbody of dividing cells (PubMed:19129479, PubMed:19129480). During late anaphase, involved in nuclear envelope reassembly and mitotic spindle disassembly together with the ESCRT-III complex: IST1 acts by mediating the recruitment of SPAST to the nuclear membrane, leading to microtubule severing (PubMed:26040712). Regulates early endosomal tubulation together with the ESCRT-III complex by mediating the recruitment of SPAST (PubMed:23897888). Aliases: hIST1 antibody, Increased sodium tolerance 1 antibody, Increased sodium tolerance 1 homolog antibody, IST1 homolog antibody, IST1_HUMAN antibody, KIAA0174 antibody, MAPK activating protein PM28 antibody, MGC117220 antibody, MGC128433 antibody, Putative MAPK-activating protein PM28 antibody
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
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.