

Datasheet for ABIN2790798
anti-IST1 antibody (N-Term)[Go to Product page](#)

1 Image

Overview

Quantity:	100 µL
Target:	IST1
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat, Dog, Cow, Guinea Pig, Horse, Rabbit, Zebrafish (Danio rerio)
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This IST1 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N-terminal region of Human IST1
Sequence:	INRLKLEKK KTELAQKARK EIADYLAAGK DERARIRVEH IREDYLVEA
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rabbit: 100%, Rat: 100%, Zebrafish: 100%
Characteristics:	This is a rabbit polyclonal antibody against IST1. It was validated on Western Blot.
Purification:	Affinity Purified

Target Details

Target:	IST1
Alternative Name:	IST1 (IST1 Products)

Target Details

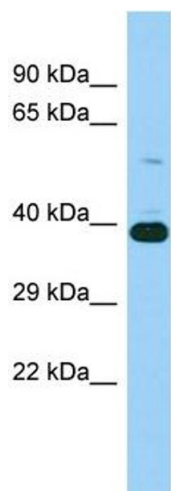
Background:	<p>IST1 is proposed to be involved in specific functions of the ESCRT machinery. It is required for efficient abscission during cytokinesis, but not for HIV-1 budding. The involvement in the MVB pathway is not established. IST1 is involved in recruiting VPS4A and/or VPS4B to the midbody of dividing cells.</p> <p>Alias Symbols: IST1, MGC117220</p> <p>Protein Interaction Partner: APEH, UBQLN1, CAPN7, UBC, BTF3L4, TIMM13, VCAM1, ITGA4, FN1, ERGIC1, MAT1A, HSPA5, ATP6V1B1, ATXN1, SPAST, FZR1, ANAPC2, CDC20, CHMP1B,</p> <p>Protein Size: 360</p>
Molecular Weight:	40 kDa
Gene ID:	9798
NCBI Accession:	NM_014761 , NP_055576
Pathways:	Regulation of Cell Size

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 360 AA
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.



Western Blotting

Image 1. Host: Rabbit Target Name: IST1 Sample Type: Fetal Heart lysates Antibody Dilution: 1.0ug/ml