

Datasheet for ABIN2785818
anti-HSPA6 antibody (Middle Region)



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1 Image

Overview

Quantity:	100 µL
Target:	HSPA6
Binding Specificity:	Middle Region
Reactivity:	Human, Pig
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This HSPA6 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of human HSPA6
Sequence:	EYEHQKRELE QICRPIFSRL YGGPGVPGGS SCGTQARQGD PSTGPIIEEV
Predicted Reactivity:	Human: 100%, Pig: 79%
Characteristics:	This is a rabbit polyclonal antibody against HSPA6. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

Target:	HSPA6
Alternative Name:	HSPA6 (HSPA6 Products)

Target Details

Background:	In cooperation with other chaperones, Hsp70s stabilize preexistent proteins against aggregation and mediate the folding of newly translated polypeptides in the cytosol as well as within organelles. These chaperones participate in all these processes through their ability to recognize nonnative conformations of other proteins. They bind extended peptide segments with a net hydrophobic character exposed by polypeptides during translation and membrane translocation, or following stress-induced damage. Alias Symbols: - Protein Interaction Partner: TP53, MLF2, UBC, HSPA1A, HSPA8, HDAC6, ADCK5, CYP4F12, env, DNAJB4, IQCB1, UBL4A, NOS2, CISH, CFTR, TRAF3IP1, HSP90AA1, SCFD1, HSPA5, HSPA1L, SHC1, PIK3R2, INPPL1, CRK, AP2M1, CBL, COPS5, CUL1, NEDD8, TERF1, PARD3, ARRB2, INSIG2, DYRK2, RFWD2, RPAP3, MEPC Protein Size: 643
Molecular Weight:	71 kDa
Gene ID:	3310
NCBI Accession:	NM_002155 , NP_002146
UniProt:	P17066

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Comment:	Antigen size: 643 AA
Restrictions:	For Research Use only

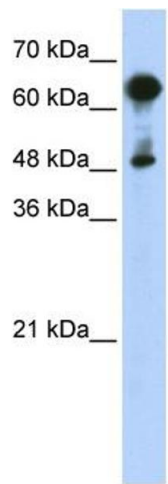
Handling

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.

Handling

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.

Images



Western Blotting

Image 1. WB Suggested Anti-HSPA6 Antibody Titration:

0.2-1 ug/ml

ELISA Titer: 1:312500

Positive Control: Transfected 293T