

Datasheet for ABIN2785519
anti-HSPA4L antibody (C-Term)[Go to Product page](#)

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Overview

Quantity:	100 µL
Target:	HSPA4L
Binding Specificity:	C-Term
Reactivity:	Human, Mouse, Dog, Rat, Horse, Rabbit, Zebrafish (Danio rerio), Cow, Guinea Pig
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This HSPA4L antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the C terminal region of human HSPA4L
Sequence:	KDERYDHLDP TEMEKVEKCI SDAMSWLNSK MNAQNKLSLT QDPVVKVSEI
Predicted Reactivity:	Cow: 93%, Dog: 86%, Guinea Pig: 93%, Horse: 93%, Human: 100%, Mouse: 93%, Rabbit: 93%, Rat: 93%, Zebrafish: 80%
Characteristics:	This is a rabbit polyclonal antibody against HSPA4L. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

Target:	HSPA4L
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Target Details

Alternative Name:	HSPA4L (HSPA4L Products)
Background:	<p>HSPA4L belongs to the heat shock protein 70 family. HSPA4L possesses chaperone activity in vitro where it inhibits aggregation of citrate synthase.</p> <p>Alias Symbols: APG-1, Osp94, HSPH3</p> <p>Protein Interaction Partner: SUMO2, STUB1, TTC1, SGTA, HSPA8, HSF1, UBC, IPO7, SEC23A, RANBP3, STAT1, PPP2R2A, GARS, APEH, PUS7, LUC7L2, METTL21A, PAXIP1, DIAPH1, NUP188, NUBP2, VPS26A, TERF2, PHLDA1, TUSC2, TCEAL1, DOK2, USF2, KRT8,</p> <p>Protein Size: 839</p>
Molecular Weight:	95 kDa
Gene ID:	22824
NCBI Accession:	NM_014278 , NP_055093
UniProt:	O95757

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 839 AA
Restrictions:	For Research Use only

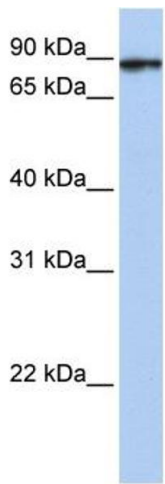
Handling

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.

Publications

Product cited in: Li, Wu, Jiang, Liu, Wu, Inagaki, Izawa, Mizisin, Engvall, Shelton: "Non-pathogenic protein aggregates in skeletal muscle in MLF1 transgenic mice." in: **Journal of the neurological sciences**, Vol. 264, Issue 1-2, pp. 77-86, (2007) ([PubMed](#)).

Images



Western Blotting

Image 1. WB Suggested Anti-HSPA4L Antibody Titration:
0.2-1 ug/ml
Positive Control: Human brain