

Product Name: KD-Validated HSPA8 Rabbit Polyclonal Antibody**Catalog #: KVA01137**

For research use only.

Summary

Description	KO&KD-Validated antibody
Host	Rabbit
Application	WB
Reactivity	Human,Mouse,Rat
Conjugation	Unconjugated
Modification	Unmodified
Isotype	Rabbit IgG
Clonality	Rabbit pAb
Form	Liquid
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide.
Purification	Affinity purification

Application

Dilution Ratio	WB 1:400-1:2,000
Molecular Weight	Calculated MW: 70.9kDa

Antigen Information

Gene Name	HSPA8 HSPA8; Heat Shock Protein Family A (Hsp70) Member 8; HSC70; HSP73; HSPA10; HSC71; Lipopolysaccharide-Associated Protein 1; Heat Shock Protein Family A Member 8; Heat Shock Cognate 71 KDa Protein; Heat Shock 70kDa Protein 8; LPS-Associated Protein 1; LAP-1; Epididymis Secretory Sperm Binding Protein Li 72p; N-Myristoyltransferase Inhibitor Protein 71; Constitutive Heat Shock Protein 70; Epididymis Luminal Protein 33; Heat Shock Cognate Protein 54; Heat Shock 70 KDa Protein 8; Heat Shock 70kd Protein 10; Heat Shock 70kd Protein 8; EC 3.6.4.10; HEL-S-72p; HEL-33; HSC54; HSP71; NIP71; LAP1
Alternative Names	
Gene ID	3312.0
SwissProt ID	P11142
Immunogen	A synthesized peptide derived from human HSC70

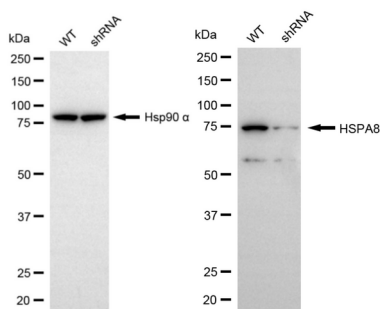
Background

This gene encodes a member of the heat shock protein 70 family, which contains both heat-inducible and constitutively expressed members. This protein belongs to the latter group, which are also referred to as heat-shock cognate proteins. It functions as a chaperone, and binds to nascent polypeptides to facilitate correct folding. It also functions as an ATPase in the disassembly of clathrin-coated vesicles during transport of membrane components through the cell. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Aug 2011]

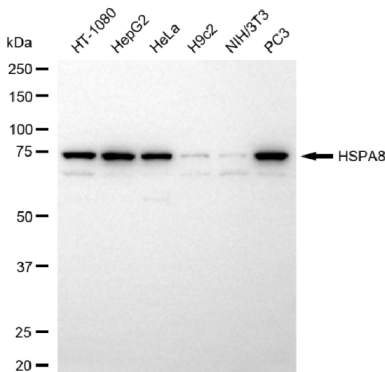
Research Area

Signal Transduction

Image Data



Western blotting analysis using HSPA8 antibody (KVA01137). HSPA8 expression in wild-type (WT) and HSPA8 shRNA knockdown (KD) 293T cells with 20 µg of total cell lysates. Hsp90 α serves as a loading control. The blot was incubated with HSPA8 antibody (KVA01137, 1:2,500) and HRP-conjugated goat anti-rabbit secondary antibody (APS0635, 1:10,000) respectively.



Western blotting analysis using HSPA8 antibody (KVA01137). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with HSPA8 antibody (KVA01137, 1:2,000) and HRP-conjugated goat anti-rabbit secondary antibody (APS0635, 1:10,000) respectively.