10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

HSPA12B Antibody (N-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP13579a

Product Information

Application	WB, IHC-P, E
Primary Accession	Q96MM6
Other Accession	Q9CZJ2, NP_443202.3
Reactivity	Human
Predicted	Mouse, Rat, Bovine, Canine, Rabbit
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB32674
Calculated MW	75688
Antigen Region	108-136

Additional Information

Gene ID	116835
Other Names	Heat shock 70 kDa protein 12B, HSPA12B, C20orf60
Target/Specificity	This HSPA12B antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 108-136 amino acids from the N-terminal region of human HSPA12B.
Dilution	WB~~1:1000 IHC-P~~1:100~500 E~~Use at an assay dependent concentration.
Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Precautions	HSPA12B Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	HSPA12B
Synonyms	C20orf60
Tissue Location	Highest expression in muscle and heart. Lower levels in liver and kidney.

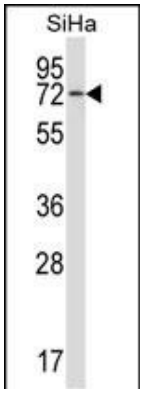
Background

The protein encoded by this gene contains an atypical heat shock protein 70 (Hsp70) ATPase domain and is therefore a distant member of the mammalian Hsp70 family. This gene may be involved in susceptibility to atherosclerosis. Alternative splicing results in multiple transcript variants.

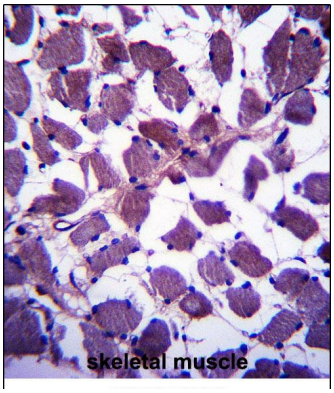
References

Bailey, S.D., et al. Diabetes Care 33(10):2250-2253(2010)
Talmud, P.J., et al. Am. J. Hum. Genet. 85(5):628-642(2009)
Starr, J.M., et al. Mech. Ageing Dev. 129(12):745-751(2008)
Harris, S.E., et al. BMC Genet. 8, 43 (2007) :
Han, Z., et al. Proc. Natl. Acad. Sci. U.S.A. 100(3):1256-1261(2003)

Images



HSPA12B Antibody (N-term) (Cat. #AP13579a) western blot analysis in SiHa cell line lysates (35ug/lane).This demonstrates the HSPA12B antibody detected the HSPA12B protein (arrow).



HSPA12B Antibody (N-term) (Cat. #AP13579a)immunohistochemistry analysis in formalin fixed and paraffin embedded human skeletal muscle followed by peroxidase conjugation of the secondary antibody and DAB staining.This data demonstrates the use of HSPA12B Antibody (N-term) for immunohistochemistry. Clinical relevance has not been evaluated.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.