

HSPA12A Antibody (Center)

Affinity Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP9765c

Product Information

Application	WB, IHC-P, E
Primary Accession	Q43301
Other Accession	Q8K0U4
Reactivity	Human, Mouse
Predicted	Rat, Bovine, Canine, Rabbit, Chicken
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB24536
Calculated MW	74978
Antigen Region	398-427

Additional Information

Gene ID	259217
Other Names	Heat shock 70 kDa protein 12A, HSPA12A, KIAA0417
Target/Specificity	This HSPA12A antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 398-427 amino acids from the Central region of human HSPA12A.
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	HSPA12A Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	HSPA12A
Synonyms	KIAA0417
Function	Adapter protein for SORL1, but not SORT1. Delays SORL1 internalization and

affects SORL1 subcellular localization.

Cellular Location

Cytoplasm {ECO:0000250|UniProtKB:Q8K0U4}. Nucleus {ECO:0000250|UniProtKB:Q8K0U4}

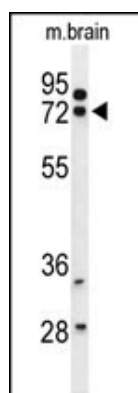
Tissue Location

Widely expressed with highest levels in brain, kidney and muscle.

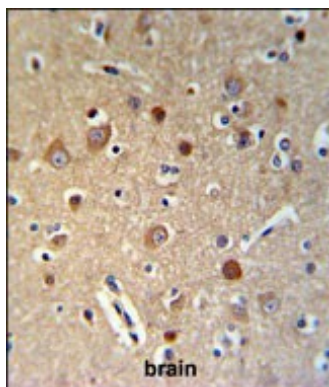
References

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Harris, S.E., et al. BMC Genet. 8, 43 (2007)
Pongrac, J.L., et al. Biol. Psychiatry 56(12):943-950(2004)
Han, Z., et al. Proc. Natl. Acad. Sci. U.S.A. 100(3):1256-1261(2003)

Images



Western blot analysis of HSPA12A Antibody (Center) (Cat. #AP9765c) in mouse brain tissue lysates (35ug/lane). HSPA12A (arrow) was detected using the purified Pab.



HSPA12A Antibody (Center) (Cat. #AP9765c) IHC analysis in formalin fixed and paraffin embedded brain tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the HSPA12A Antibody (Center) 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'.