

HSPA12A Antibody (Center)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP9765c**Specification**

HSPA12A Antibody (Center) - Product Information

Application	WB, IHC-P,E
Primary Accession	O43301
Other Accession	Q8K0U4
Reactivity	Human, Mouse
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	74978
Antigen Region	398-427

HSPA12A Antibody (Center) - 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~~1:50~100

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.

HSPA12A Antibody (Center) - 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

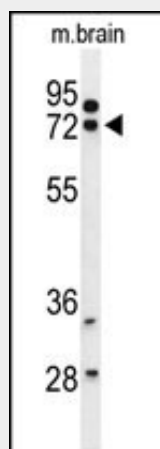
Widely expressed with highest levels in brain, kidney and muscle.

HSPA12A Antibody (Center) - Protocols

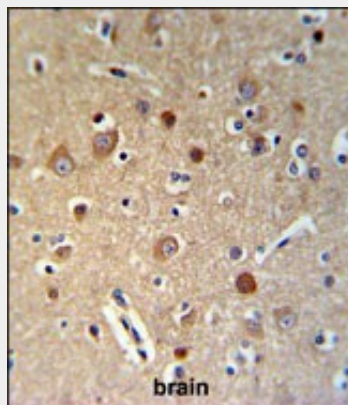
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

HSPA12A Antibody (Center) - 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.

HSPA12A Antibody (Center) - References

Starr, J.M., et al. Mech. Ageing Dev. 129(12):745-751(2008)
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)