

HSPA12A Polyclonal Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP56939**Specification**

HSPA12A Polyclonal Antibody - Product Information

Application	IHC-P, WB, IF
Primary Accession	O43301
Reactivity	Rat, Pig, Dog, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	74978

HSPA12A Polyclonal Antibody - Additional Information**Gene ID** 259217**Other Names**

Heat shock 70 kDa protein 12A, HSPA12A, KIAA0417

Format

0.01M TBS(pH7.4), 0.09% (W/V) sodium azide and 50% Glyce

Storage

Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

HSPA12A Polyclonal Antibody - 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

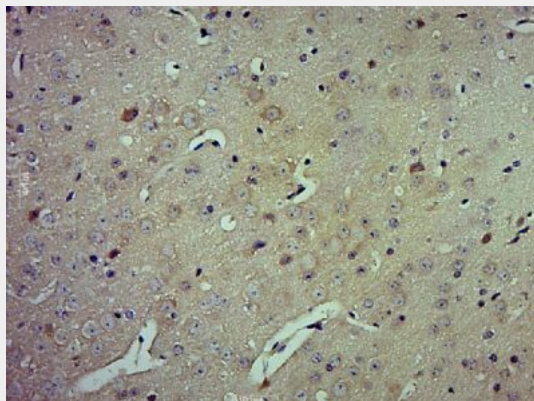
Widely expressed with highest levels in brain, kidney and muscle.

HSPA12A Polyclonal Antibody - Protocols

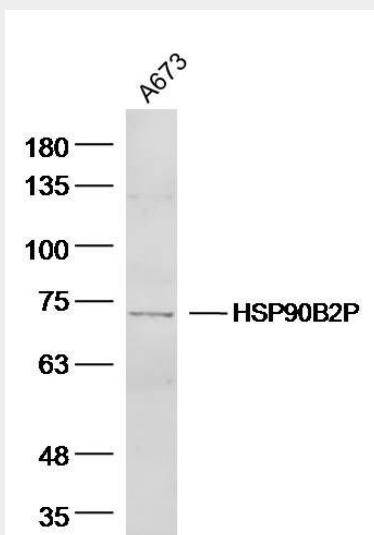
Provided below are standard protocols that you may find useful for product applications.

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

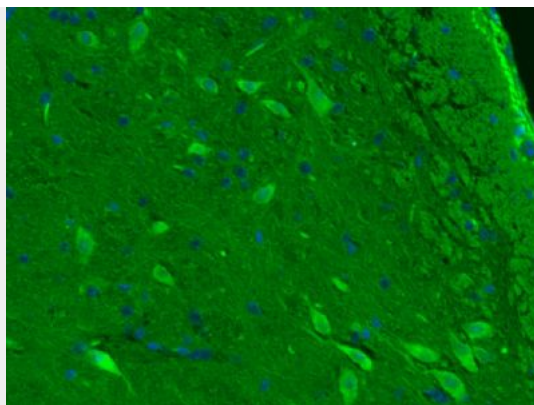
HSPA12A Polyclonal Antibody - Images



Paraformaldehyde-fixed, paraffin embedded (Mouse brain); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (HSPA12A) Polyclonal Antibody, Unconjugated (bs-18076R) at 1:500 overnight at 4°C, followed by a conjugated secondary (sp-0023) for 20 minutes and DAB staining.



Sample: A673 Cell (Human) Lysate at 40 ug
Primary: Anti-HSPA12A (bs-18076R) at 1/300 dilution
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution
Predicted band size: 75 kD
Observed band size: 73 kD



Paraformaldehyde-fixed, paraffin embedded (Mouse brain); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Incubation: Anti-HSPA12A Antibody, conjugated (bs-18076R-FITC) 1:400, 1.5 hours at 37°C; DAPI (5ug/ml, blue, C-0033) was used to stain the cell nuclei.