

STCH/HSPA13 Rabbit pAb

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Catalog # AP54991

Product Information

Application	WB, IHC-P, IHC-F, IF
Primary Accession	P48723
Reactivity	Human, Mouse
Predicted	Rat, Pig, Dog, Chimpanzee, Rabbit, Horse, Sheep
Host	Rabbit
Clonality	Polyclonal
Calculated MW	51927
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human STCH/HSPA13
Epitope Specificity	41-140/471
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SUBCELLULAR LOCATION	Microsome. Endoplasmic reticulum.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	The protein encoded by this gene is a member of the heat shock protein 70 family and is found associated with microsomes. Members of this protein family play a role in the processing of cytosolic and secretory proteins, as well as in the removal of denatured or incorrectly-folded proteins. The encoded protein contains an ATPase domain and has been shown to associate with a ubiquitin-like protein. [provided by RefSeq, Jul 2008]

Additional Information

Gene ID	6782
Other Names	Heat shock 70 kDa protein 13, Heat shock protein family A member 13, Microsomal stress-70 protein ATPase core, Stress-70 protein chaperone microsome-associated 60 kDa protein, HSPA13, STCH
Dilution	WB=1:500-2000,IHC-P=1:100-500,IHC-F=1:100-500,IF=1:100-500
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.

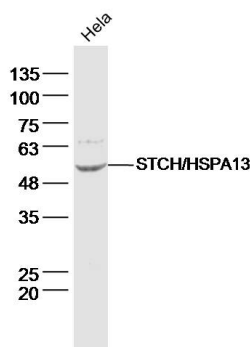
Protein Information

Name	HSPA13
Synonyms	STCH
Function	Has peptide-independent ATPase activity.
Cellular Location	Microsome. Endoplasmic reticulum.
Tissue Location	Constitutively expressed in all tissues.

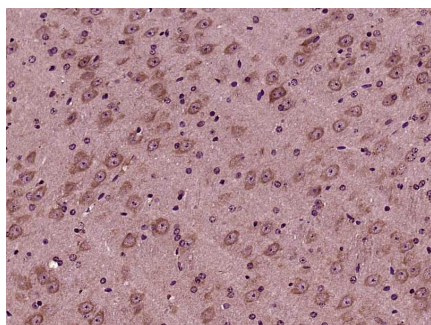
Background

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Images



Sample: HeLa Cell Lysate at 40 ug
 Primary: Anti-STCH/HSPA13 (AP54991) at 1/300 dilution
 Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution
 Predicted band size: 50 kD
 Observed band size: 50 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; Antibody incubation with (STCH) Polyclonal Antibody, Unconjugated (AP54991) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.

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