

STCH/HSPA13 Polyclonal Antibody

Purified Rabbit Polyclonal Antibody (Pab) Catalog # AP54991

Specification

STCH/HSPA13 Polyclonal Antibody - Product Information

Application WB, IHC-P, IHC-F, IF, ICC

Primary Accession P48723

Reactivity
Host
Clonality
Calculated MW
Physical State

Rat, Pig, Chimpanzee, Dog, Bovine
Rabbit
Polyclonal
50 KDa
Liquid

Immunogen KLH conjugated synthetic peptide derived

laG

from human STCH/HSPA13

Epitope Specificity 41-140/471

Isotype
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.
SIMILARITY Belongs to the heat shock protein 70

family

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]

STCH/HSPA13 Polyclonal Antibody - Additional Information

Gene ID 6782

Other Names

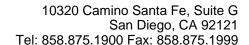
Heat shock 70 kDa protein 13, Microsomal stress-70 protein ATPase core, Stress-70 protein chaperone microsome-associated 60 kDa protein, HSPA13, STCH

Target/Specificity

Constitutively expressed in all tissues.

Dilution

WB~~1:1000<br \> IHC-P~~N/A<br \> <span class</pre>





="dilution_IHC-F">IHC-F~~N/A
span class ="dilution_IF">IF~~1:50~200
span class ="dilution_ICC">ICC~~N/A

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.

STCH/HSPA13 Polyclonal Antibody - Protein Information

Name HSPA13

Synonyms STCH

Function

Has peptide-independent ATPase activity.

Cellular Location

Microsome. Endoplasmic reticulum.

Tissue Location

Constitutively expressed in all tissues.

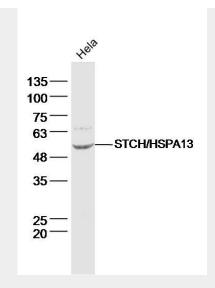
STCH/HSPA13 Polyclonal Antibody - Protocols

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

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

STCH/HSPA13 Polyclonal Antibody - Images



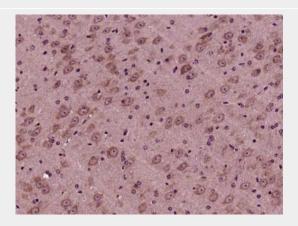


Sample: Hela Cell Lysate at 40 ug

Primary: Anti-STCH/HSPA13 (bs-12823R) 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 (bs-12823R) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.