

Anti-HSPA2 antibody (400-639) (STJ110211)

GENERAL INFORMATION

Product Type	Primary antibodies
Applications	WB/IF/ICC/ELISA
Host / Source	Rabbit
Reactivity	Human/Mouse/Rat

PRODUCT PROPERTIES

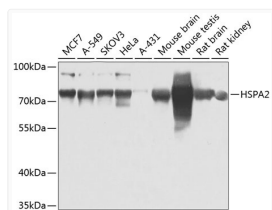
Clonality	Polyclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:500-1:2000 IF/CC:1:50-1:200 ELISA:Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.02% Sodium Azide, 50% Glycerol, pH 7.3.
Isotype	IgG
Molecular Weight	Protein Mw: 70kDa Observed Mw: 75kDa
Storage Instruction	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

Gene ID	3306
Gene Symbol	HSPA2
UniProt ID	HSP72_HUMAN
Immunogen Region	400-639
Immunogen Sequence	TPLSLGIETAGGVMTPLIKR NTTIPTKQTQTFTTYSNDQS SVLVQVYEGERAMTKDNNLL GKFDLTGIPPAPRGVPQIEV TFDIDANGILNVTAAADKSTG KENKITITNDKGRLSKDDID RMVQEAERYKSEDEANRDRV AAKNALESYTNYIKQTVEDE KLRGKISEQDKNKILDKCQE VINWLDNRNQMAEKDEYEHKQ KELERVNPIISKLYQGGPG GSGGGGGSGASGGPTIEEV
Specificity	Recombinant fusion protein containing a sequence corresponding to amino acids 400-639 of human HSPA2 (NP_068814.2).

ADDITIONAL INFORMATION

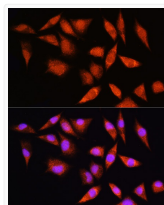
Note STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.



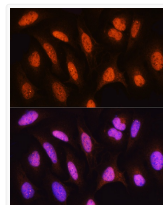
Western blot analysis of various lysates using HSPA2 Rabbit pAb (STJ110211) at 1:1000 dilution.

Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (STJS000856) at 1:10000 dilution.

Lysates/proteins: 25 µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit
Exposure time: 60s.



Immunofluorescence analysis of L929 cells using HSPA2 Rabbit pAb (STJ110211) at dilution of 1:100. Blue: DAPI for nuclear staining.



Immunofluorescence analysis of U2OS cells using HSPA2 Rabbit pAb (STJ110211) at dilution of 1:100. Blue: DAPI for nuclear staining.