

Anti-HSPA2 antibody

Cat. No.	ml125129
Package	25 µl/100 µl/200 µl
Storage	-20°C, pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol

Product overview

Description	Anti-HSPA2 rabbit polyclonal antibody
Applications	ELISA, WB, IHC
Immunogen	Fusion protein of human HSPA2
Reactivity	Human, Mouse, Rat
Content	0.6 mg/ml
Host species	Rabbit
Ig class	Immunogen-specific rabbit IgG
Purification	Antigen affinity purification

Target information

Symbol	HSPA2
Full name	heat shock protein family A (Hsp70) member 2
Synonyms	HSP70-2; HSP70-3
Swissprot	P54652

Target Background

In cooperation with other chaperones, Hsp70s stabilize preexistent proteins against aggregation and mediate the folding of newly translated polypeptides in the cytosol as well as within organelles. These chaperones participate in all these processes through their ability to recognize nonnative conformations of other proteins. They bind extended peptide segments with a net hydrophobic character exposed by polypeptides during translation and membrane translocation, or following stress-induced damage. Plays a role in spermatogenesis. In association with SHCBP1L may participate in the maintenance of spindle integrity during meiosis in male germ cells.

订购热线: 4008-898-798

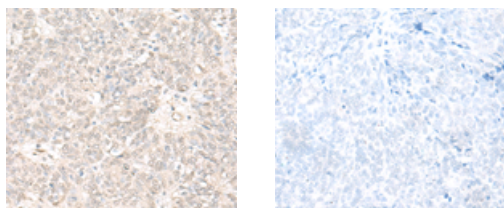
Applications

Immunohistochemistry

Predicted cell location: Cytoplasm and Nucleus

Positive control: Human ovarian cancer

Recommended dilution: 30-150



The image on the left is immunohistochemistry of paraffin-embedded Human ovarian cancer tissue using ml125129(HSPA2 Antibody) at dilution 1/20, on the right is treated with fusion protein. (Original magnification: $\times 200$)

Western blotting

Predicted band size: 70 kDa

Positive control: Mouse brain tissue, Human cerebrum tissue, NIH/3T3 cell, A549 cell, Jurkat cell, Hela cell and 231 cell lysates

Recommended dilution: 500-2000

Gel: 8%SDS-PAGE

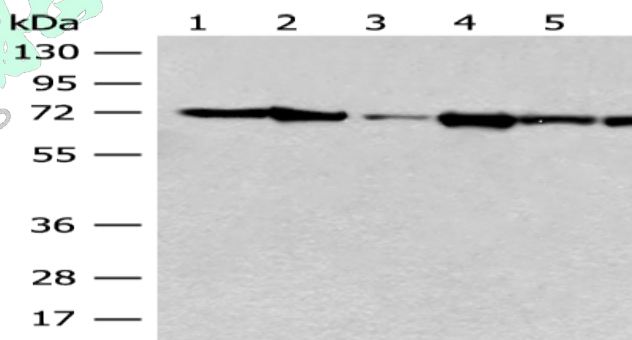
Lysate: 40 μ g

Lane 1-7: Mouse brain tissue, Human cerebrum tissue, NIH/3T3 cell, A549 cell, Jurkat cell, Hela cell and 231 cell lysates

Primary antibody: ml125129(HSPA2 Antibody) at dilution 1/250

Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution

Exposure time: 5 seconds



ELISA

Recommended dilution: 5000-10000

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