

# HSPA2 Antibody



PACO43960

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## Product Information

**Size:**

50ul

**Reactivity:**

Human, Rat

**Source:**

Rabbit

**Isotype:**

IgG

**Applications:**

ELISA, WB, IHC, IP

**Recommended dilutions:**

ELISA:1:2000-1:10000, WB:1:1000-1:5000,  
IHC:1:20-1:200, IP:1:200-1:2000

**Protein 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.

**Gene ID:**

HSPA2

**Uniprot**

P54652

**Synonyms:**

Heat shock-related 70 kDa protein 2 (Heat shock 70 kDa protein 2), HSPA2

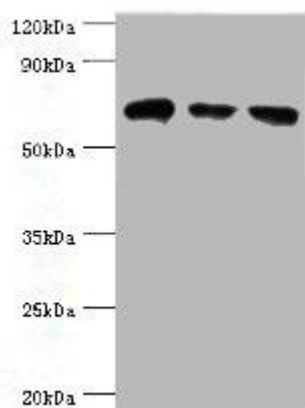
**Immunogen:**

Recombinant Human Heat shock-related 70 kDa protein 2 protein (400-639AA).

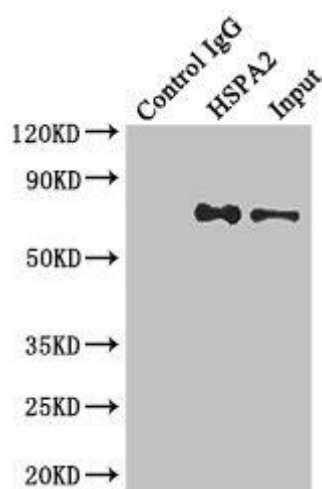
**Storage:**

PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

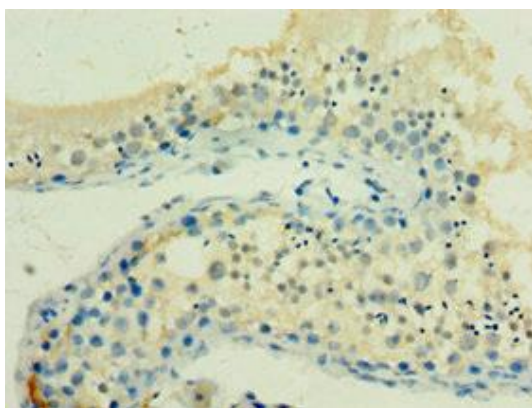
## Product Images



Western blot. All lanes: HSPA2 antibody at 6µg/ml. Lane 1: A431 whole cell lysate. Lane 2: HeLa whole cell lysate. Lane 3: Rat brain tissue. Secondary: Goat polyclonal to rabbit IgG at 1/10000 dilution. Predicted band size: 70 kDa. Observed band size: 70 kDa.



Immunoprecipitating HSPA2 in HeLa whole cell lysate. Lane 1: Rabbit control IgG instead of (1µg) instead of PACO43960 in HeLa whole cell lysate. For western blotting, a HRP-conjugated anti-rabbit IgG, specific to the non-reduced form of IgG was used as the Secondary antibody (1/50000). Lane 2: PACO43960 (4µg) + HeLa whole cell lysate (500µg). Lane 3: HeLa whole cell lysate (20µg).



Immunohistochemistry of paraffin-embedded human testis tissue using PACO43960 at dilution of 1:100.