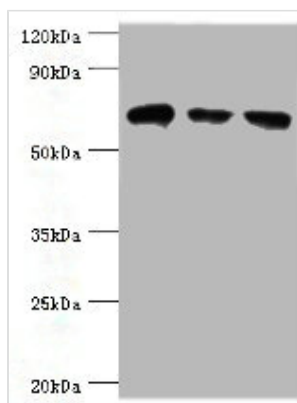




HSPA2 Antibody

Product Code	CSB-PA010824ESR2HU
Storage	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.
Uniprot No.	P54652
Immunogen	Recombinant Human Heat shock-related 70 kDa protein 2 protein (400-639AA)
Raised In	Rabbit
Species Reactivity	Human, Rat
Tested Applications	ELISA, WB, IHC, IP; Recommended dilution: WB:1:1000-1:5000, IHC:1:20-1:200, IP:1:200-1:2000
Relevance	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.
Form	Liquid
Conjugate	Non-conjugated
Storage Buffer	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Purification Method	Antigen Affinity Purified
Isotype	IgG
Clonality	Polyclonal
Alias	Heat shock-related 70 kDa protein 2 (Heat shock 70 kDa protein 2), HSPA2
Species	Homo sapiens (Human)
Research Area	Signal Transduction
Target Names	HSPA2

Image



Western blot

All lanes: HSPA2 antibody at 6μg/ml

Lane 1: A431 whole cell lysate

Lane 2: HeLa whole cell lysate

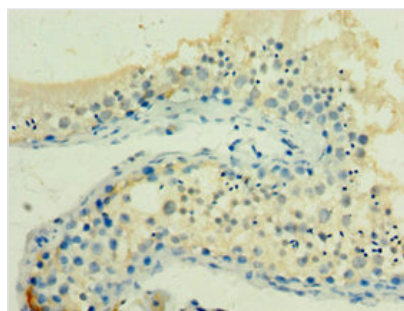
Lane 3: Rat brain tissue

Secondary

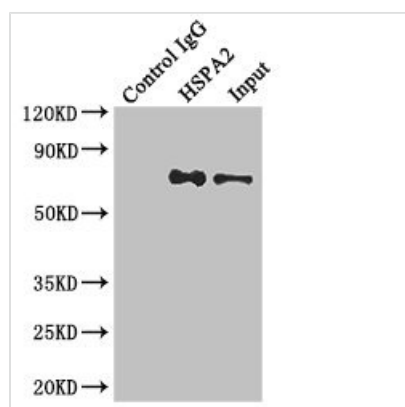
Goat polyclonal to rabbit IgG at 1/10000 dilution

Predicted band size: 70 kDa

Observed band size: 70 kDa



Immunohistochemistry of paraffin-embedded human testis tissue using CSB-PA010824ESR2HU at dilution of 1:100



Immunoprecipitating HSPA2 in Hela whole cell lysate

Lane 1: Rabbit control IgG instead of (1μg) instead of CSB-PA010824ESR2HU 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: CSB-PA010824ESR2HU (4μg) + Hela whole cell lysate (500μg)

Lane 3: Hela whole cell lysate (20μg)