

# HSPA5 Polyclonal Antibody

Catalog Number:D-AB-10170L



**Note:** Centrifuge before opening to ensure complete recovery of vial contents.

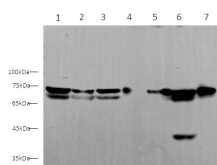
## Description

<b>Reactivity</b>	Human,Mouse
<b>Immunogen</b>	Recombinant Human HSPA5 protein expressed by E.coli
<b>Host</b>	Rabbit
<b>Isotype</b>	IgG
<b>Purification</b>	Antigen Affinity Purification
<b>Conjugation</b>	Unconjugated
<b>Formulation</b>	PBS with 0.02% sodium azide, 50% glycerol, pH 7.4

## Applications Recommended Dilution

<b>WB</b>	1:500-1:1000
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## Data



Western blot with HSPA5 Polyclonal antibody at dilution of 1:500.lane 1: Hela whole cell lysate, lane 2: Jurkat whole cell lysate, lane 3: THP-1 whole cell lysate, lane 4: HT-29 whole cell lysate, lane 5: NIH/3T3 whole cell lysate, lane 6: RAW264.7 whole cell lysate, lane 7: Mouse lung

**Observed Mw:75 kDa**

**Calculated Mw:72 kDa**

## Preparation & Storage

**Storage** Store at -20°C. Avoid freeze/thaw cycles.

## Background

Endoplasmic reticulum chaperone that plays a key role in protein folding and quality control in the endoplasmic reticulum lumen. Involved in the correct folding of proteins and degradation of misfolded proteins via its interaction with DNAJC10/ERdj5, probably to facilitate the release of DNAJC10/ERdj5 from its substrate. Acts as a key repressor of the ERN1/IRE1-mediated unfolded protein response (UPR). In the unstressed endoplasmic reticulum, recruited by DNAJB9/ERdj4 to the luminal region of ERN1/IRE1, leading to disrupt the dimerization of ERN1/IRE1, thereby inactivating ERN1/IRE1.

## For Research Use Only

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