

HSPA5 Polyclonal Antibody

catalog number: D-AB-10170L

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

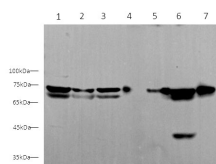
Description

Reactivity	Human;Mouse
Immunogen	Recombinant Human HSPA5 protein expressed by E.coli
Host	Rabbit
Isotype	IgG
Purification	Antigen Affinity Purification
Buffer	PBS with 0.05% Proclin300, 1% protective protein and 50% glycerol, pH7.4

Applications

WB	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 Valid for 12 months. Avoid freeze / thaw cycles.
Shipping	The product is shipped with ice pack, upon receipt, store it immediately at the temperature recommended.

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.

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