HSPA5 Polyclonal Antibody

catalog number: **D-AB-10170L**

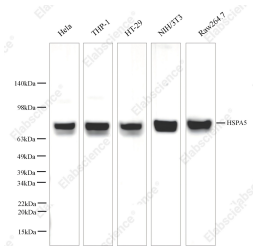
Note: *Centrifuge before opening to ensure complete recovery of vial contents.*

Description

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

Applications	Recommended Dilution
WB	1:500-1:1000

Data



Western blot with Anti HSPA5 Polyclonal antibody at dilution of 1:1000. Lane 1:HeLa cell lysate,Lane 2:THP-1 cell lysate, Lane 3:HT-29 cell lysate,Lane 4:NIH/3T3 cell lysate,Lane 5:RAW264.7 cell lysate.

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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