

HSPA2 Polyclonal Antibody

Catalog Number:E-AB-52655



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

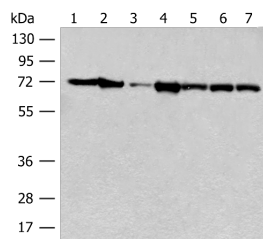
Description

Reactivity	Human, Mouse, Rat
Immunogen	Fusion protein of human HSPA2
Host	Rabbit
Isotype	IgG
Purification	Antigen affinity purification
Conjugation	Unconjugated
Formulation	PBS with 0.05% NaN ₃ and 40% Glycerol,pH7.4

Applications Recommended Dilution

WB	1:500-1:2000
ELISA	1:5000-1:10000

Data



Western blot analysis of Mouse brain tissue Human cerebrum tissue NIH/3T3 cell A549 cell Jurkat cell Hela cell and 231 cell lysates using HSPA2 Polyclonal Antibody at dilution of 1:250

Observed MW:Refer to figures

Calculated Mw:70 kDa

Preparation & Storage

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

Background

Human HSPA2 is a member of the HSPA (HSP70) family of heat-shock proteins, encoded by the gene originally described as testis-specific. Recently, it has been reported that HSPA2 can be also expressed in human somatic tissues in a cell-type specific manner. HSPA2 is a cytosol/nuclear protein able to translocate between cytoplasm and nucleus. HSPA2 is involved in sperm maturity, function and fertility. Aberrant expression of HSPA2 in testes has been connected with male infertility. Recently, HSPA2 has attracted increased interest due to its possible involvement in carcinogenesis of non-testicular tissues. This antibody well recognized the endogenous HSPA4 protein in testis and multiple cell lines. (21373891)

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