



HSPA1A Polyclonal Antibody

E14-15

Background: Heat shock proteins (HSPs) are a family of highly conserved stress response proteins. Heat shock proteins function primarily as molecular chaperones by facilitating the folding of other cellular proteins, preventing protein aggregation or targeting improperly folded proteins to specific degradative pathways. HSPs are typically expressed at low levels under normal physiological conditions but are dramatically upregulated in response to cellular stress. HSPA1A, also known as HSP70, is a 70 kDa member of the heat shock protein 70 family of proteins.

Catalog Number: E14-15

Amount: 100µg/100µl

Immunogen: Recombinant human HSPA1A/HSP70, 472~641 aa of HSPA1A

Purification: Purified by protein A column

Storage: Store at -20 °C upon arrival for one year. Avoid repeated freeze-thaw cycles.

Formulation: Each vial at least contains 0.1 mg IgG in 0.1 ml (1 mg/ml) of 0.01 M PBS, PH7.4, 1 mg/ml BSA, 20 % glycerol, 0.01 % (w/v) NaN₃

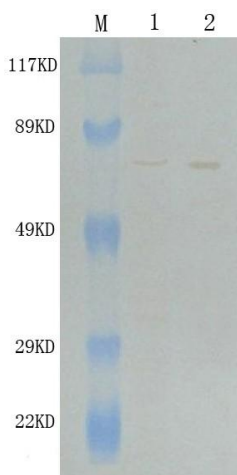
Limitation: For research use only and are not intended for diagnostic or therapeutic use.

Isotope: Rabbit IgG

Species Reactivities: Human, mouse, rat, silkworm

Tested Applications: ELISA, WB, Other applications have not been tested.

Application notes: WB: 1:500-5000



WB assay

1st antibody: E14-15, dilution: 1:1000

2nd antibody: Goat antibody against Rabbit IgG conjugated with HRP, dilution: 1:5000, visualized by DAB

Protein Molecular Wt.: 70 kDa

M: Pre-stained protein marker

1: SY5Y cell

2: BmN cell

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