

## HSPA1A Polyclonal Antibody

**catalog number: AN007040L**

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

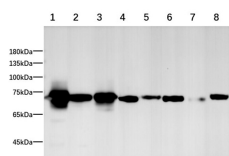
### Description

<b>Reactivity</b>	Human;Mouse;Rat
<b>Immunogen</b>	Recombinant Human HSPA1A protein expressed by E.coli
<b>Host</b>	Rabbit
<b>Isotype</b>	IgG
<b>Purification</b>	Antigen Affinity Purification
<b>Buffer</b>	PBS with 0.05% Proclin300, 1% protective protein and 50% glycerol, pH7.4

### Applications Recommended Dilution

<b>WB</b>	1:2000-1:4000
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### Data



Western blot with Anti HSPA1A Polyclonal antibody at dilution of 1:2000. Lane 1: A431 cell lysate, Lane 2: A549 cell lysate, Lane 3: HeLa cell lysate, Lane 4: NIH/3T3 cell lysate, Lane 5: PC-12 cell lysate, Lane 6: Mouse brain tissue lysate, Lane 7: Mouse kidney tissue lysate, Lane 8: Rat brain tissue lysate.

**Observed-MW:70kDa**

**Calculated-MW:70 kDa**

### Preparation & Storage

<b>Storage</b>	Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.
<b>Shipping</b>	The product is shipped with ice pack, upon receipt, store it immediately at the temperature recommended.

### Background

Hsp70 genes encode abundant heat-inducible 70-kDa hsps (hsp70s). In most eukaryotes hsp70 genes exist as part of a multigene family. They are found in most cellular compartments of eukaryotes including nuclei, mitochondria, chloroplasts, the endoplasmic reticulum and the cytosol, as well as in bacteria. The genes show a high degree of conservation, having at least 50% identity.

### For Research Use Only