

**Product Name: KD-Validated HSPA2 Recombinant Rabbit Monoclonal Antibody****Catalog #: KVA01879**

For research use only.

**Summary**

|                     |                                                                             |
|---------------------|-----------------------------------------------------------------------------|
| <b>Description</b>  | KO&KD-Validated antibody                                                    |
| <b>Host</b>         | Rabbit                                                                      |
| <b>Application</b>  | WB                                                                          |
| <b>Reactivity</b>   | Human,Mouse,Rat                                                             |
| <b>Conjugation</b>  | Unconjugated                                                                |
| <b>Modification</b> | Unmodified                                                                  |
| <b>Isotype</b>      | Rabbit IgG                                                                  |
| <b>Clonality</b>    | Rabbit mAb                                                                  |
| <b>Form</b>         | Liquid                                                                      |
| <b>Storage</b>      | Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles. |
| <b>Shipping</b>     | Ice bags                                                                    |
| <b>Buffer</b>       | Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide.   |
| <b>Purification</b> | Affinity purification                                                       |

**Application**

|                         |                        |
|-------------------------|------------------------|
| <b>Dilution Ratio</b>   | WB 1:1,000-1:5,000     |
| <b>Molecular Weight</b> | Calculated MW: 70.0kDa |

**Antigen Information**

|                          |                                                                                                                                                                                                                                                                                  |
|--------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>         | HSPA2                                                                                                                                                                                                                                                                            |
| <b>Alternative Names</b> | HSPA2; Heat Shock Protein Family A (Hsp70) Member 2; Heat Shock Protein Family A Member 2; Heat Shock-Related 70 KDa Protein 2; Heat Shock 70kDa Protein 2; Heat Shock 70kD Protein 2; Epididymis Secretory Sperm Binding Protein; Heat Shock 70 KDa Protein 2; HSP70-2; HSP70-3 |
| <b>Gene ID</b>           | 3306.0                                                                                                                                                                                                                                                                           |
| <b>SwissProt ID</b>      | P54652                                                                                                                                                                                                                                                                           |
| <b>Immunogen</b>         | Recombinant protein of human HSPA2                                                                                                                                                                                                                                               |

**Background**

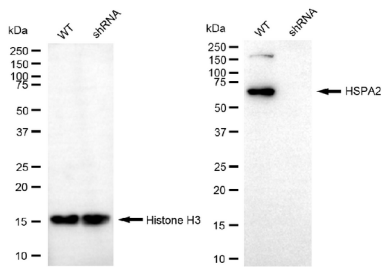
Enables enzyme binding activity and unfolded protein binding activity. Involved in negative regulation of inclusion body

assembly and protein refolding. Located in cytosol. [provided by Alliance of Genome Resources, Jul 2025]

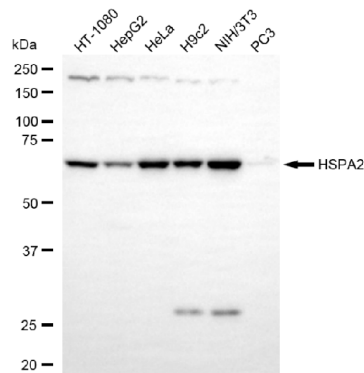
## Research Area

Cardiovascular

## Image Data



Western blotting analysis using HSPA2 antibody (KVA01879). HSPA2 expression in wild-type (WT) and HSPA2 shRNA knockdown (KD) 293T cells with 20 µg of total cell lysates. Histone H3 serves as a loading control. The blot was incubated with HSPA2 antibody (KVA01879, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody (APS0635, 1:10,000) respectively.



Western blotting analysis using HSPA2 antibody (KVA01879). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with HSPA2 antibody (KVA01879, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody (APS0635, 1:10,000) respectively.