

### 39-2050: Anti-Hsp40 Polyclonal Antibody(Discontinued)

<b>Clonality :</b>	Polyclonal
<b>Application :</b>	WB,IHC-P
<b>Reactivity :</b>	Human, Rat
<b>Gene :</b>	DNAJB1
<b>Gene ID :</b>	3337
<b>Uniprot ID :</b>	P25685
<b>Format :</b>	Lyophilized
<b>Alternative Name :</b>	DnaJ homolog subfamily B member 1; DnaJ protein homolog 1; Heat shock 40 kDa protein 1; HSP40; Heat shock protein 40; Human DnaJ protein 1; hDj-1; DNAJB1; DNAJ1, HDJ1, HSPF1
<b>Isotype :</b>	Rabbit IgG
<b>Immunogen Information :</b>	A synthetic peptide corresponding to a sequence at the C-terminus of human Hsp40(317-332aa EFEVIFPERIPQTSRT), different from the related mouse sequence by two amino acids, and from the related rat sequence by three amino acids.

### Description

The Hsp40(heat shock protein with molecular size of approximately 40 kDa) is one of the mammalian homologues of bacterial DnaJ heat shock protein. Ohtsuka(1993) isolated a cDNA encoding a 40-kD heat-shock protein designated HSPF1. The deduced 340-amino acid HSPF1 protein is 34% identical to E. coli DnaJ and 34% and 36% identical to HSJ1 and HSJ2, respectively. HSPF1 gene spans over 7 kb and contains 3 exons and 2 introns. HSPF1 gene is mapped to chromosome 19p13.2.

### Product Info

<b>Amount :</b>	100 µg/vial
<b>Purification :</b>	Immunogen affinity purified.
<b>Content :</b>	Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na <sub>2</sub> HPO <sub>4</sub> , 0.05mg Thimerosal, 0.05mg NaN <sub>3</sub> . Reconstitute : Add 0.2ml of distilled water will yield a concentration of 500ug/ml.
<b>Storage condition :</b>	At -20°C for one year. After reconstitution, at 4°C for one month. It can also be aliquotted and stored frozen at -20°C for a longer time. Avoid repeated freezing and thawing.

### Application Note

Western blot : 0.1-0.5µg/ml; Immunohistochemistry(Paraffin-embedded Section) : 0.5-1µg/ml

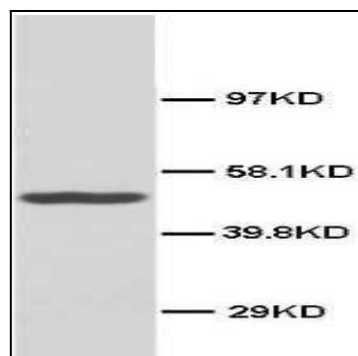


Figure 1: Anti-Hsp40 antibody(39-2050). Western blotting: HELA Cell Lysate.

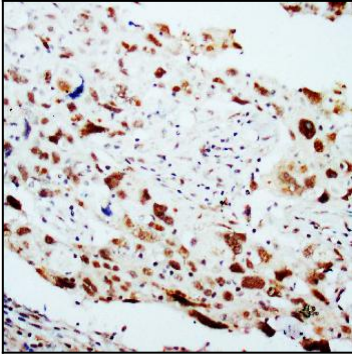


Figure 2: Anti-Hsp40 antibody(39-2050). IHC(P): Human Mammary Cancer Tissue.