9853 Pacific Heights Blvd.
Suite D. San Diego,
CA 92121, USA
Tel: 858-263-4982
Email: info@abeomics.com

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

Clonality :	Polyclonal
Application :	WB,IHC-P
Reactivity :	Human, Rat
Gene :	DNAJB1
Gene ID :	3337
Uniprot ID :	P25685
Format :	Lyophilized
Alternative Name :	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
Isotype :	Rabbit IgG
Immunogen Information :	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

Amount :	100 µg/vial
Purification :	Immunogen affinity purified.
Content :	Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na2HPO4, 0.05mg Thimerosal, 0.05mg NaN3. Reconstitute : Add 0.2ml of distilled water will yield a concentration of 500ug/ml.
Storage condition :	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 : 0.1-0.5Ã‚Â¼g/ml; Immunohistochemistry(Paraffin-embedded Section) : 0.5-1Ã‚Â¼g/ml

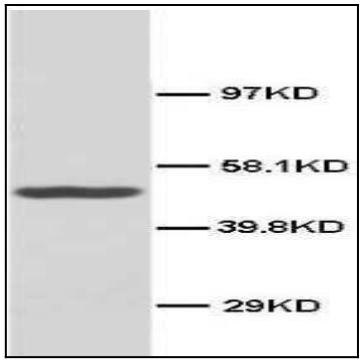

Figure 1: Anti-Hsp40 antibody(39-2050). Western blotting: HELA Cell Lysate.

For Research Use Only. Not for use in diagnostic/therapeutics procedures.

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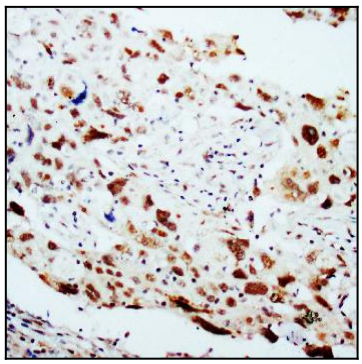

Figure 2: Anti-Hsp40 antibody(39-2050). IHC(P): Human Mammary Cancer Tissue.

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