

## Rabbit polyclonal antibody to human Heat Shock Protein 40 (317-332): Affinity purified

<b>Catalogue No.:</b>	R-1064-100
<b>Description:</b>	Heat Shock Protein 40 (HSP40) is a chaperone protein. Heat stress triggers the rapid translocation of HSP40 from the cytoplasm to the nucleus. HSP40 interacts with HSP70 and can stimulate its ATPase activity.
<b>Batch No.:</b>	See product label
<b>Unit size:</b>	100 ug
<b>Antigen:</b>	A synthetic peptide (EFEVIFPERIPQTSRT) corresponding to a region (317-332) from human Heat Shock Protein 40 (HSP40). To enhance the immunological response, this peptide was coupled to carrier protein BSA.
<b>Other Names:</b>	Heat shock 40 kDa protein 1; Heat shock protein 40; HSP40; DnaJ protein homolog 1; HDJ-1; DNAJB1; DNAJ1; HDJ1; HSPF1;
<b>Accession:</b>	P25685 DNJB1_HUMAN;
<b>Produced in:</b>	Rabbit
<b>Purity:</b>	Affinity purified on antigen column
<b>Applications:</b>	Immunohistochemistry (IHC) and Western Blotting (WB). A concentration of 1.0-2.0 ug/mL is recommended for WB. Human HSP40 has a predicted length of 340 residues and MW of 38 kDa. A concentration of 0.5-1.0 ug/mL is recommended to detect the protein in formalin fixed and paraffin embedded tissues. Antigen retrieval is required. Biosensis recommends optimal dilutions/concentrations should be determined by the end user.
<b>Specificity:</b>	The specificity of this antibody has been confirmed by WB and IHC against the antigen.
<b>Cross-reactivity:</b>	Human; mouse; rat;
<b>Form:</b>	Lyophilised with 5mg BSA, 0.9mg NaCl, 0.2mg Na <sub>2</sub> HPO <sub>4</sub> , 0.05mg Thimerosal, 0.05mg NaN <sub>3</sub>
<b>Reconstitution:</b>	Reconstitute in 100 uL of sterile distilled water to achieve an antibody concentration of 1 mg/mL. Centrifuge to remove any insoluble material.
<b>Storage:</b>	At least 12 months after purchase at 2-8C (lyophilized formulations). After reconstitution, aliquot and store at -20C for a higher stability. Avoid freeze-thaw cycles
<b>Expiry Date:</b>	12 months after purchase

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