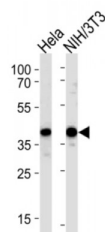
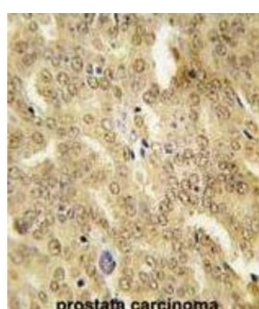
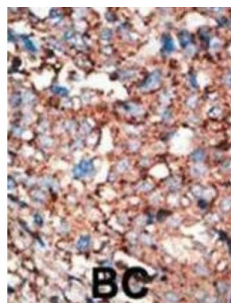


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Heat Shock Protein 40 (HSP40) Antibody

Catalogue No.: abx027362



DnaJ (Hsp40) belongs to the DnaJ-class of molecular chaperones with a C-terminal Zn finger domain. HSP40 (DnaJ) together with DnaK and GrpE form a molecular chaperone that is involved in formation of protein complexes, protein folding, prevention of protein aggregation, and protein turnover and export. Several human neurodegenerative diseases involve the expansion of a polyglutamine within the disease proteins. Molecular chaperones such as HSP40 complexes can modulate polyglutamine pathogenesis. In transgenic *Drosophila* disease models of Machado-Joseph disease and Huntington disease Hdj1, the *Drosophila* homolog to human HSP40, demonstrates substrate specificity for polyglutamine proteins suppression in combination with other molecular chaperones of neurotoxicity, and altered solubility of mutant polyglutamine proteins.

Target:	HSP40
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal

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Tested Applications: WB, IHC

Recommended dilutions: Optimal dilutions/concentrations should be determined by the end user.

Immunogen: Human HSP40.

Purification: Purified Rabbit Polyclonal Antibody.

Isotype: IgG

Conjugation: Unconjugated

Specificity: This HSP40 antibody is generated from rabbits immunized with a recombinant protein encoding full length of human HSP40.

Storage: Aliquot and store at -20 °C. Avoid repeated freeze/thaw cycles.

Swiss Prot: [P25685](#)

NCBI Accession: NP_006136.1

Buffer: PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein G column, eluted with high and low pH buffers and neutralized immediately, followed by dialysis against PBS.

Note: This product is for research use only.