

Summary

Production Name	HSP40 Rabbit Polyclonal Antibody
Description	Rabbit Polyclonal Antibody
Host	Rabbit
Application	WB,IHC-P,IF-P,IF-F,ICC/IF,ELISA
Reactivity	Human,Mouse,Rat

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Polyclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N.
Purification	Affinity purification

Immunogen

Gene Name	DNAJB1 DNAJB1; DNAJ1; HDJ1; HSPF1; 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
Alternative Names	
Gene ID	3337.0
SwissProt ID	P25685.The antiserum was produced against synthesized peptide derived from human HSP40. AA range:271-320

Application

Dilution Ratio	WB 1:500-1:2000, IHC-P 1:100-1:300, IF-P/IF-F/ICC/IF 1:200-1:1000, ELISA
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Product Name: HSP40 Rabbit Polyclonal Antibody
Catalog #: AP Rab12245



1:10000. Not yet tested in other applications.

Molecular Weight

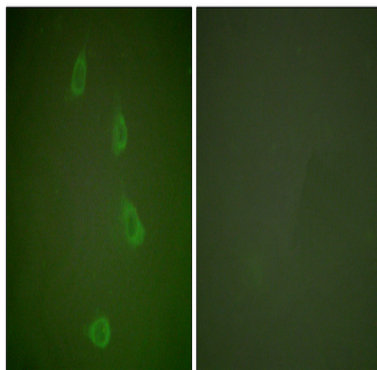
45kDa

Background

This gene encodes a member of the DnaJ or Hsp40 (heat shock protein 40 kD) family of proteins. DnaJ family members are characterized by a highly conserved amino acid stretch called the 'J-domain'; and function as one of the two major classes of molecular chaperones involved in a wide range of cellular events, such as protein folding and oligomeric protein complex assembly. The encoded protein is a molecular chaperone that stimulates the ATPase activity of Hsp70 heat-shock proteins in order to promote protein folding and prevent misfolded protein aggregation. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Sep 2015], function: Interacts with HSP70 and can stimulate its ATPase activity. Stimulates the association between HSC70 and HIP., induction: By heat shock., similarity: Contains 1 J domain., subcellular location: Translocates rapidly from the cytoplasm to the nucleus, and especially to the nucleoli, upon heat shock., subunit: Interacts with DNAJC3.,

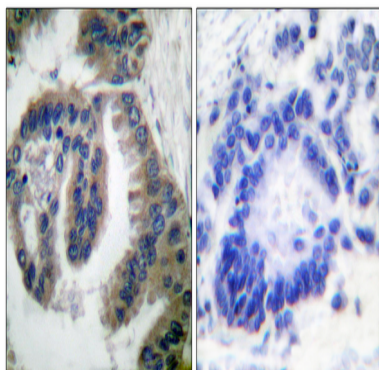
Research Area

Image Data

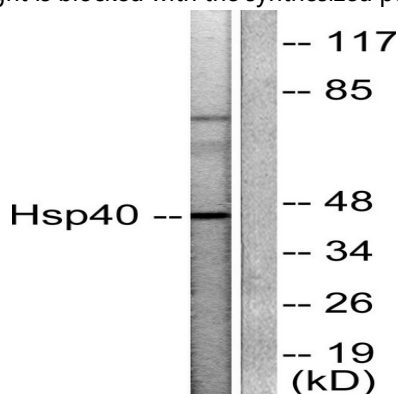


Immunofluorescence analysis of NIH/3T3 cells, using HSP40 Antibody. The picture on the right is blocked with the synthesized peptide.

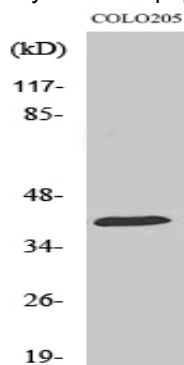
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Immunohistochemistry analysis of paraffin-embedded human lung carcinoma tissue, using HSP40 Antibody. The picture on the right is blocked with the synthesized peptide.



Western blot analysis of lysates from COLO205 cells, using HSP40 Antibody. The lane on the right is blocked with the synthesized peptide.



Western Blot analysis of various cells using HSP40 Polyclonal Antibody

Note

For research use only.