

## HSC 70 Polyclonal Antibody

### Description

<b>Product type</b>	Primary Antibody
<b>Code</b>	BT-AP10166
<b>Host</b>	Rabbit
<b>Isotype</b>	IgG
<b>Size</b>	20ul, 50ul, 100ul
<b>Immunogen</b>	Synthesized peptide derived from the Internal region of human HSC 70.
<b>Mol wt</b>	N/A
<b>Species reactivity</b>	Human, Mouse, Rat
<b>Clonality</b>	Polyclonal
<b>Recommended application</b>	WB, IHC-p, IF
<b>Concentration</b>	
<b>Full name</b>	Heat shock cognate 71 kDa protein
<b>Synonyms</b>	Heat shock cognate 71 kDa protein; HSPA8; HSC70; HSP73; HSPA10; Heat shock cognate 71 kDa protein; Heat shock 70 kDa protein 8

**This product is for research use only, not for use in human, therapeutic or diagnostic procedure.**

### Background

This gene encodes a member of the heat shock protein 70 family, which contains both heat-inducible and constitutively expressed members. This protein belongs to the latter group, which are also referred to as heat-shock cognate proteins. It functions as a chaperone, and binds to nascent polypeptides to facilitate correct folding. It also functions as an ATPase in the disassembly of clathrin-coated vesicles during transport of membrane components through the cell. Alternatively spliced transcript variants encoding different isoforms have been found for this gene.

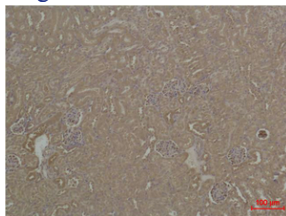
### Recommended Dilution

WB: 1: 500 - 1: 2000

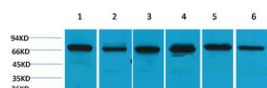
IHC-p: 1: 50 - 1: 300

Not yet tested in other applications.

### Images



Immunohistochemical analysis of paraffin-embedded Mouse Kidney Tissue using HSC 70 Polyclonal Antibody.



Western blot analysis of 1) HeLa, 2) HepG2, 3) Raw, 4) Mouse Brain, 5) Rat Brain, 6) Rat Liver using HSC 70 Polyclonal Antibody. Secondary antibody was diluted at 1:20000

### Storage

-20°C for 1 year