

## HSPBP1 Polyclonal Antibody

Catalog number: 10211-1-AP

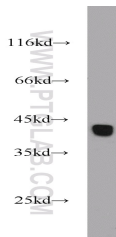
Size: 20 µg/150 µl

Source: Rabbit

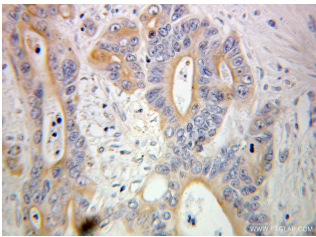
Isotype: IgG

Synonyms:

HSPBP1; FES1



mouse testis tissue were subjected to SDS PAGE followed by western blot with 10211-1-AP(HSPBP1 Antibody) at dilution of 1:500



Immunohistochemistry of paraffin-embedded human colon cancer using 10211-1-AP(HSPBP1 Antibody) at Dilution 1:100 (under 25x lens)

### Background

Hsp70-interacting protein (HSPBP1) is a protein of approximately 40 kilodaltons detected in cell extracts. Its mRNA is present in all tissues analyzed but is most abundant in heart and skeletal muscle. HSPBP1 binds the ATPase domain of Hsp70 and inhibits approximately 90% of the Hsp40-activated Hsp70 ATPase activity by preventing ATP binding to Hsp70.

### Applications

<b>Tested applications:</b>	ELISA, WB, IHC
<b>Species specificity:</b>	Human, mouse; other species not tested.
<b>Positive WB detected in:</b>	Mouse testis tissue, human brain tissue, human heart tissue, human testis tissue
<b>Calculated HSPBP1 MW:</b>	39kd
<b>Observed HSPBP1 MW:</b>	40kd
<b>Positive IHC detected in:</b>	Human colon cancer
<b>Recommended dilution:</b>	WB: 1:200-1:2000 IHC: 1:50-1:200

Application key: WB = Western blotting, IHC = Immunohistochemistry, IF = Immunofluorescence, IP = Immunoprecipitation, FC = Flow cytometry

### Immunogen information

<b>Immunogen:</b>	Ag0282
<b>GenBank accession number:</b>	BC002373
<b>Gene ID (NCBI):</b>	23640
<b>Full name:</b>	HSPA (heat shock 70kDa) binding protein, cytoplasmic cochaperone 1

### Product information

<b>Purification method:</b>	Antigen affinity purification
<b>Storage:</b>	PBS with 0.1% sodium azide and 50% glycerol pH 7.3. Store at -20°C.