



HSP20 (phospho Ser16) Polyclonal Antibody

Catalog No	YP-Ab-03610
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	IHC;IF;ELISA
Gene Name	HSPB6
Immunogen	The antiserum was produced against synthesized peptide derived from human HSP20 around the phosphorylation site of Ser16. AA range:5-54
Specificity	Phospho-HSP20 (S16) Polyclonal Antibody detects endogenous levels of HSP20 protein only when phosphorylated at S16.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	Immunohistochemistry: 1/100 - 1/300. Immunofluorescence: 1/200 - 1/1000. ELISA: 1/5000. Not yet tested in other applications.
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	epididymis luminal protein 55;FLJ32389;Heat shock 2 kDa like protein p2;Heat shock 2 kDa-like protein p2;Heat shock protein alpha crystallin related B6;Heat shock protein beta 6;Heat shock protein beta-6;Heat shock protein;2-KD;Heat-shock 27-KD protein 6;HEL55;Hsp2;HspB6;HSPB6_HUMAN;HSP20;Heat shock 20 kDa-like protein p20
Observed Band	
Calculated Molecular Weight	
Cell Pathway	Cytoplasm . Nucleus . Secreted . Translocates to nuclear foci during heat shock.
Tissue Specificity	Muscle,Skeletal muscle,Skin,
Function	PTM:The N-terminus is blocked.,similarity:Belongs to the small heat shock protein (HSP20) family.,subunit:May exist as disulfide-linked dimer and monomer.,
Background	This locus encodes a heat shock protein. The encoded protein likely plays a role in smooth muscle relaxation. [provided by RefSeq, Jan 2012],

**matters needing attention**

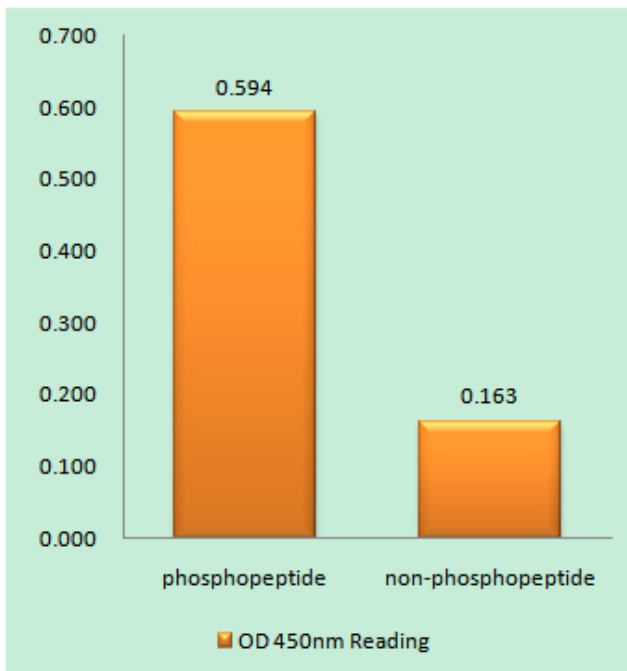
Avoid repeated freezing and thawing!

Usage suggestions

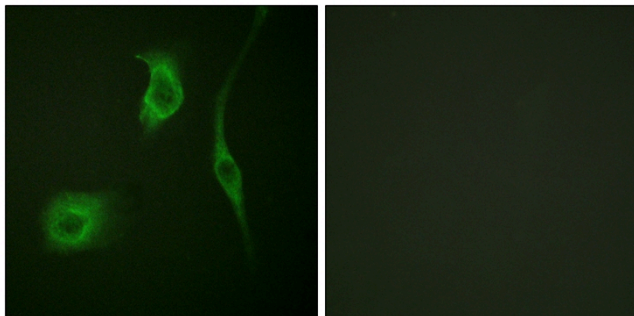
This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.



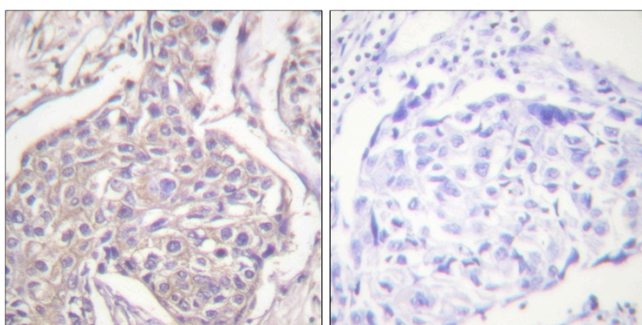
Products Images



Enzyme-Linked Immunosorbent Assay (Phospho-ELISA) for Immunogen Phosphopeptide (Phospho-left) and Non-Phosphopeptide (Phospho-right), using HSP20 (Phospho-Ser16) Antibody



Immunofluorescence analysis of HeLa cells, using HSP20 (Phospho-Ser16) Antibody. The picture on the right is blocked with the phospho peptide.



Immunohistochemistry analysis of paraffin-embedded human breast carcinoma, using HSP20 (Phospho-Ser16) Antibody. The picture on the right is blocked with the phospho peptide.