

HSP20 Polyclonal Antibody

Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP56455

Specification

HSP20 Polyclonal Antibody - Product Information

Application IHC-P Primary Accession 014558

Reactivity Rat, Dog, Bovine

Host Rabbit
Clonality Polyclonal
Calculated MW 17136

HSP20 Polyclonal Antibody - Additional Information

Gene ID 126393

Other Names

Heat shock protein beta-6, HspB6, Heat shock 20 kDa-like protein p20, HSPB6

Format

0.01M TBS(pH7.4), 0.09% (W/V) sodium azide and 50% Glyce

Storage

Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

HSP20 Polyclonal Antibody - Protein Information

Name HSPB6

Function

Small heat shock protein which functions as a molecular chaperone probably maintaining denatured proteins in a folding- competent state. Seems to have versatile functions in various biological processes. Plays a role in regulating muscle function such as smooth muscle vasorelaxation and cardiac myocyte contractility. May regulate myocardial angiogenesis implicating KDR. Overexpression mediates cardioprotection and angiogenesis after induced damage. Stabilizes monomeric YWHAZ thereby supporting YWHAZ chaperone-like activity.

Cellular Location

Cytoplasm. Nucleus. Secreted Note=Translocates to nuclear foci during heat shock

HSP20 Polyclonal Antibody - Protocols

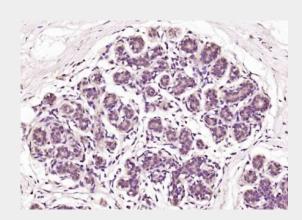
Provided below are standard protocols that you may find useful for product applications.





- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- <u>Immunoprecipitation</u>
- Flow Cytomety
- Cell Culture

HSP20 Polyclonal Antibody - Images



Paraformaldehyde-fixed, paraffin embedded (human breast); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (HSP20) Polyclonal Antibody, Unconjugated (bs-1688R) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.