

Crystallin-?C Polyclonal Antibody

Cat No: HR1AP9377

For research use only

Overview

Product Name	Crystallin-?C Polyclonal Antibody
Source	Rabbit
Applications	WB
Species Reactivity	Human
Recommended Dilutions	
Immunogen	
Species	Rabbit
Storage	-20°C/1 year
Isotype	
Clonality	
Concentration	
Observed band	22kDa
GeneID?Human?	HSPB8
Human Swiss-Prot No.	
Cellular localization	
Alternative Names	HSPB8; CRYAC; E2IG1; HSP22; PP1629; Heat shock protein beta-8; HspB8; Alpha-crystallin C chain; E2-induced gene 1 protein; Protein kinase H11; Small stress protein-like protein HSP22
Background	heat shock protein family B (small) member 8(HSPB8) Homo sapiens The protein encoded by this gene belongs to the superfamily of small heat-shock proteins containing a conservative alpha-crystallin domain at the C-terminal part of the molecule. The expression of this gene is induced by estrogen in estrogen receptor-positive breast cancer cells, and this protein also functions as a chaperone in association with Bag3, a stimulator of macroautophagy. Thus, this gene appears to be involved in regulation of cell proliferation, apoptosis, and carcinogenesis, and mutations in this gene have been associated with different neuromuscular diseases, including Charcot-Marie-Tooth disease. [provided by RefSeq, Jul 2008],