

CABP1032

Product Information

Product SKU:	CABP1032	Gene ID:	3315	Size:	20uL, 100uL
Clone No:	ARC1577	Host Species:	Rabbit	Reactivity:	Human, Mouse

Additional Information

Observed MW:	27kDa	Conjugate:	Unconjugated
Calculated MW:	23kDa	Isotype:	IgG

Immunogen Information

Background:	This gene encodes a member of the small heat shock protein (HSP20) family of proteins. In response to environmental stress, the encoded protein translocates from the cytoplasm to the nucleus and functions as a molecular chaperone that promotes the correct folding of other proteins. This protein plays an important role in the differentiation of a wide variety of cell types. Expression of this gene is correlated with poor clinical outcome in multiple human cancers, and the encoded protein may promote cancer cell proliferation and metastasis, while protecting cancer cells from apoptosis. Mutations in this gene have been identified in human patients with Charcot-Marie-Tooth disease and distal hereditary motor neuropathy.
Recommended Dilution:	WB, 1:500 - 1:2000
Synonyms:	CMT2F; HMN2B; HSP27; HSP28; Hsp25; SRP27; HS.76067; HEL-S-102; Phospho-HSP27/HSPB1-S78
Purification Method:	Affinity purification
Immunogen:	A synthetic phosphorylated peptide around S78 of human HSP27/HSPB1 (P04792).
Storage:	Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 0.05% BSA, 50% glycerol, pH 7.3.