CHIP polyclonal antibody

CHIP has been shown to interact both with the constitutive form of hsc70 and the stress inducible form, hsp70. This novel 35 kDa cytoplasmic protein has been shown to be highly expressed in striated muscle in vivo. Additional studies have shown that this protein is expressed over a broad range of cultured tissues. Through immunoprecipitation experiments, CHIP has been shown to directly bind to the carboxyl terminus of hsc70 and hsp70 where it decreases ATPase activity and reduces overall chaperone efficiency.
CHIP has also been identified as an important protein in the ubiquitin-proteasome system. CHIP contains a U-box domain and acts as an E3 ubiquitin-ligase in conjunction with hsc70 and hsp90.

This antibody is covered by our Worry-Free Guarantee.

Manuals, SDS & CofA

View Online »

Handling & Storage

Handling	Avoid freeze/thaw cycles.
Long Term Storage	-20°C
Shipping	Blue Ice

Regulatory Status

RUO - Research Use Only

Product Details

Alternative Name	Carboxyl terminus of Hsc70-interacting protein
Application	WB
Application Notes	Detects a band of ~35kDa by Western blot.
Formulation	Liquid. In PBS containing 1mg/ml BSA and 0.05% sodium azide.
Host	Rabbit
Immunogen	Synthetic peptide corresponding to aa 218-232 of human CHIP.
Isotype	IgG
Purity Detail	Antigen affinity chromatography
Species Reactivity	Human, Mouse
UniProt ID	Q9UNE7
Worry-free Guarantee	**This antibody is covered by our Worry-Free Guarantee .**

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