

Product Data Sheet

Anti-Musculin Antibody

Catalog #	Source	Reactivity	Applications
CPA4741	Rabbit	H, B, C, Mk, P, Rb	WB, IH
Description	Rabbit polyclonal antibody to Musculin		
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence within the C-term region of human Musculin. The exact sequence is proprietary.		
Purification	The antibody was purified by immunogen affinity chromatography.		
Specificity	Recognizes endogenous levels of Musculin protein.		
Clonality	Polyclonal		
Form	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.		
Dilution	WB (1/500 - 1/1000), IH (1/100 - 1/200)		
Gene Symbol	MSC		
Alternative Names	ABF1; BHLHA22; Musculin; Activated B-cell factor 1; ABF-1; Class A basic helix-loop-helix protein 22; bHLHa22		
Entrez Gene	9242 (Human)		
SwissProt	O60682 (Human)		
Storage/Stability	Shipped at 4°C. Upon delivery aliquot and store at -20°C for one year. Avoid freeze/thaw cycles.		

Application key: E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, ChIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference

Species reactivity key: H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish

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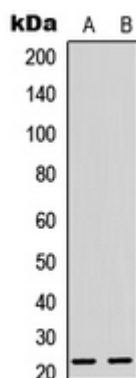
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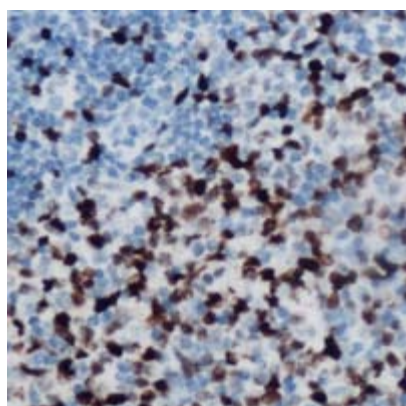
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Western blot analysis of Musculin expression in K562 (A), mouse brain (B) whole cell lysates.



Immunohistochemical analysis of Musculin staining in human lymphoma formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

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