

32-6191: Mouse Anti Human Polyadenylate-Binding Protein-Interacting Protein 2(Clone:PAT1C12AT.)

Clonality :	Monoclonal
Clone Name :	PAT1C12AT.
Application :	ELISA,WB
Gene :	PAIP2
Gene ID :	51247
Uniprot ID :	Q9BPZ3
Format :	Purified
Alternative Name :	Poly(A) Binding Protein Interacting Protein 2,PABP- interacting protein 2,HSPC218,PAIP-2,PAIP2A,Polyadenylate-binding protein-interacting protein 2,PAIP2,MGC72018.
Isotype :	Mouse IgG2b heavy chain and ? light chain.
Immunogen Information :	Anti-human PAIP2 mAb is derived from hybridization of mouse F0 myeloma cells with spleen cells from BALB/c mice immunized with recombinant human CMBL 1-127 amino acids purified from E. coli.

Description

PAIP2 has a role as a repressor in the regulation of translation initiation of poly(A)-containing mRNAs. PAIP2 inhibitory activity on translation is mediated through its action on PABPC1. PAIP2 displaces the interaction of PABPC1 with poly(A) RNA and competes with PAIP1 for binding to PABPC1. PAIP2 association with PABPC1 results in disruption of the cytoplasmic poly(A) RNP structure organization.

Product Info

Amount :	20 µg
Purification :	PAIP2 antibody was purified from mouse ascitic fluids by protein-G affinity chromatography.
Content :	1mg/ml containing PBS, pH-7.4, & 0.1% Sodium Azide.
Storage condition :	For periods up to 1 month store at 4°C, for longer periods of time, store at -20°C. Prevent freeze thaw cycles.

Application Note

PAIP2 antibody has been tested by ELISA, Western blot analysis to assure specificity and reactivity. Since application varies, however, each investigation should be titrated by the reagent to obtain optimal results. Recommended dilution range for Western blot analysis is 1:500 ~ 1:5000. Recommended starting dilution is 1:1000.