

PHB2

Rabbit Anti-Human Prohibitin 2 Clone Poly6118 pAb

Catalog No.	CSI14547 CSI14548	Quantity:	50 µl 200 µl
Alternate Names:	BAP, BCAP37, Bap37, MGC117268, PNAS-141, REA, p22, B-cell associated protein, repressor of estrogen receptor activity		
Description:	BAP37, (also known as B-cell receptor-associated protein, repressor of estrogen receptor activity, and prohibitin 2) is a 37 kD erythrocyte band 7 integral membrane protein that contains an SPFH domain. BAP37 is located in the inner mitochondrial membrane that selectively potentiates the inhibitory effectiveness of antiestrogen-occupied ER. BAP37 plays a possible role in cell aging and acts as a mitochondrial protein chaperone. This protein has been shown to interact with the estrogen receptor, prohibitin, and IgM. The Poly6118 antibody has been shown to be useful for Western blotting of the human and mouse BAP37 protein.		
Structure:	Erythrocyte band 7 integral membrane protein, SPFH domain; 37 kD.		
Gene ID:	11331		
Distribution:	Inner mitochondrial membrane, integral membrane protein.		
Function:	Selectively potentiates inhibitory effectiveness of antiestrogen-occupied ER; possible role in cell aging and acts as a mitochondrial protein chaperone.		
Host:	Rabbit		
Immunogen:	Recombinant (partial) , C-terminal		
Isotype:	IgG		
Clone:	Poly6118		
Interaction:	Estrogen receptor, prohibitin and IgM.		
Formulation:	This antibody is provided in phosphate-buffered solution, pH 7.2, containing 0.09% sodium azide and 50% glycerol. Precaution: Sodium azide is a poisonous and hazardous substance which should be handled by trained staff only.		
Purification:	The antibody was purified by antigen-affinity chromatography.		
Reactivity:	Mouse, Human		
Applications:	WB, IF		

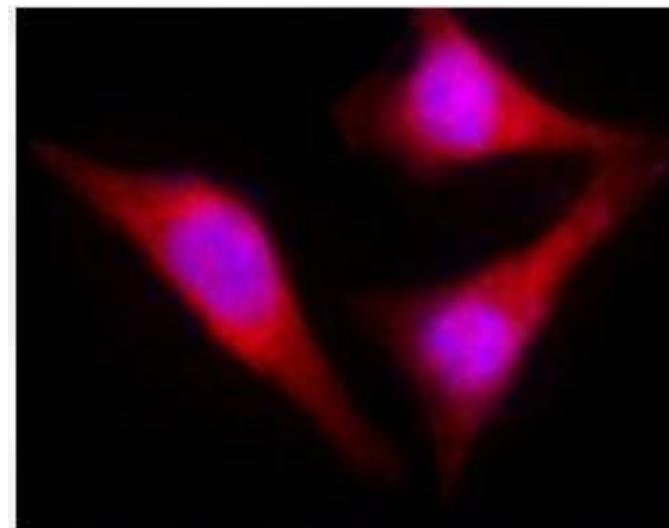
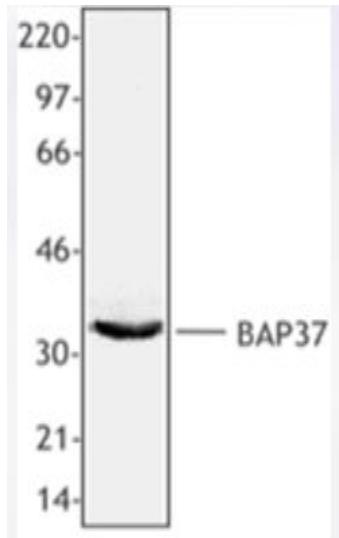


Recommended Usage: Each lot of this antibody is quality control tested by Western blotting. Western blotting, suggested working dilution(s): Use 10 μ l per 5 ml antibody dilution buffer for each mini-gel. For immunofluorescence microscopy: Use a starting dilution of 1:100. It is recommended that the reagent be titrated for optimal performance for each application.

Storage & Stability: Upon receipt, store frozen at -20° C.

MCF-7 whole cell extract was resolved by electrophoresis, transferred to nitrocellulose and probed with rabbit anti-BAP37 antibody. Proteins were visualized using a donkey anti-rabbit secondary conjugated to HRP and a chemiluminescence detection system.

Immunofluorescent microscope analysis of HeLa cells using anti-BAP37 polyclonal antibody (red). Nuclei were stain with DAPI (blue).



NOT FOR HUMAN USE. FOR RESEARCH ONLY. NOT FOR DIAGNOSTIC OR THERAPEUTIC USE.



Cell Sciences®
480 Neponset Street
Bldg 12A
Canton, MA 02021

Toll Free: 888-769-1246
Phone: 781-828-0610
Fax: 781-828-0542

E-mail: info@cellsciences.com
Website: www.cellsciences.com