

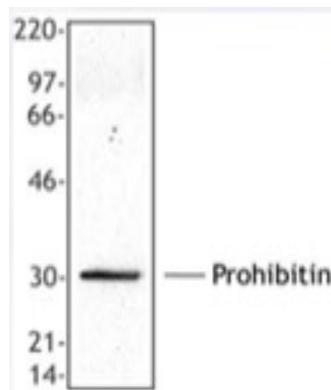
PHB

Rabbit Anti-Human Prohibitin Clone Poly6031 Affinity Purified pAb

Catalog No.	CSI11999 CSI12000	Quantity:	50 µl 200 µl
Alternate Names:	PHB, PHB1		
Description:	Prohibitin is a 30 kD member of the band 7 family containing a SPFH domain. Prohibitin is localized the nucleus and mitochondrial inner cell membrane. This protein functions as a negative regulator of cell proliferation associated with senescence and cell death and a transcriptional repressor via recruitment of Brg-1, Brm or N-CoR, or HDAC1. Prohibitin can also function as a membrane-bound chaperone for the assembly of the mitochondrial respiratory chain complex. Prohibitin is induced by metabolic stress caused by imbalance in synthesis of mitochondrial-, nuclear-encoded mitochondrial proteins. Prohibitin can be modified by phosphorylation and ubiquitination. This protein has been shown to interact with Rb, Brg-1, Brm, N-CoR, HDAC1, and PHB2. The Poly6031 antibody recognizes the C-terminal region of human prohibitin and has been shown to be useful for Western blotting.		
Gene ID:	5245		
Immunogen:	Recombinant (partial), C-terminal		
Isotype:	Rabbit IgG		
Clone:	Poly6031		
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 Protein A affinity chromatography.		
Reactivity:	Human		
Applications:	Western Blot		
Recommended Usage:	Each lot of this antibody is quality control tested by Western blotting. Western blotting, suggested working dilution(s): Use 10 µl per 5 ml antibody dilution buffer for each mini-gel. It is recommended that the reagent be titrated for optimal performance for each application.		
Storage & Stability:	Upon receipt, store frozen at -20° C. Avoid repeated freeze-thaw cycles.		



MCF7 cell extract was resolved by electrophoresis, transferred to nitrocellulose, and probed with rabbit anti-prohibitin antibody. Proteins were visualized using a donkey anti-rabbit secondary conjugated to HRP and a chemiluminescence detection system.



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