

bsm-61847R**[Primary Antibody]**

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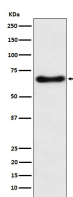
sales@bioss.com.cn

techsupport@bioss.com.cn

400-901-9800

CYP24A1 Recombinant Rabbit mAb**— DATASHEET —**

Host: Rabbit	Isotype: IgG	Applications: WB (1:1000-2000)
Clonality: Recombinant		Reactivity: Human
GeneID: 1591	SWISS: Q07973	
Target: CYP24A1		
Immunogen: A synthesized peptide derived from human Cytochrome P450 24A1: 100-150/514.		Predicted MW.: 59
Purification: affinity purified by Protein A		Subcellular Location: Cytoplasm
Storage: 10mM phosphate buffered saline(pH 7.4) with 150mM sodium chloride, 0.05% BSA, 0.02% Proclin300 and 50% glycerol. Store at 4°C for short term. Store at -20°C for long term. Avoid repeated freeze/thaw cycles.		
Background: A cytochrome P450 monooxygenase with a key role in vitamin D catabolism and calcium homeostasis. Via C24- and C23-oxidation pathways, catalyzes the inactivation of both the vitamin D precursor calcidiol (25-hydroxyvitamin D3) and the active hormone calcitriol (1-alpha,25-dihydroxyvitamin D3).		

— VALIDATION IMAGES —

Western blot analysis of Human fetal liver lysate.
Using CYP24A1 (bsm-61847R) monoclonal antibody at 1:1000 dilution and 4°C overnight incubation. Followed by conjugated secondary antibody incubation at r.t. for 60 min.