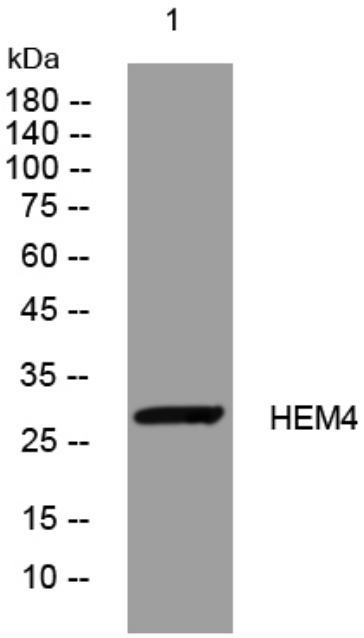
HEM4 rabbit pAb

Catalog No	BYab-08529
Isotype	IgG
Reactivity	Human; Mouse
Applications	WB
Gene Name	UROS
Protein Name	HEM4
Immunogen	Synthesized peptide derived from human HEM4 AA range: 25-75
Specificity	This antibody detects endogenous levels of HEM4 at Human/Mouse
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit serum by affinity-chromatography using specific immunogen.
Dilution	WB 1：500-2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	
Observed Band	
Cell Pathway	mitochondrion,cytosol,
Tissue Specificity	Ubiquitous.
Function	catalytic activity:Hydroxymethylbilane = uroporphyrinogen III + H(2)O.,disease:Defects in UROS are the cause of congenital erythropoietic porphyria (CEP) [MIM:263700]; also known as Gunther disease. Porphyrias are inherited defects in the biosynthesis of heme, resulting in the accumulation and increased excretion of porphyrins or porphyrin precursors. They are classified as erythropoietic or hepatic, depending on whether the enzyme deficiency occurs in red blood cells or in the liver. The manifestations of CEP are heterogeneous, ranging from nonimmune hydrops fetalis due to severe hemolytic anemia in utero to milder, later onset forms, which have only skin lesions due to cutaneous photosensitivity in adult life. The deficiency in UROS activity results in the non-enzymatic conversion of hydroxymethylbilane (HMB) into the uroporphyrinogen-I isomer.,disease:Severe congenital erythropoietic

Background	The protein encoded by this gene catalyzes the fourth step of porphyrin biosynthesis in the heme biosynthetic pathway. Defects in this gene cause congenital erythropoietic porphyria (Gunther's disease). [provided by RefSeq, Jul 2008],
matters needing attention	Avoid repeated freezing and thawing!
Usage suggestions	This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images



Western blot analysis of lysates from PC-12 cells, primary antibody was diluted at 1:1000, 4°over night