

CBS Antibody (Center)

Catalog_no :	AB2459
Reactivity :	H, M, Rat
Category :	抗原抗体
Size :	100 μ L/50 μ L
Immunogen :	HUMAN:301-330
Specificity :	This CBS antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 301-330 amino acids from the Central region of human CBS.
Dilution :	,1:500;,1:500;WB,1:2000;IF,1:25;
Purification :	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Other_name :	Cystathionine beta-synthase, Beta-thionase, Serine sulfhydrase, CBS
Isotype :	Rabbit Ig
Background :	CBS acts as a homotetramer to catalyze the conversion of homocysteine to cystathionine, the first step in the transsulfuration pathway. This protein is allosterically activated by adenosyl-methionine and uses pyridoxal phosphate as a cofactor. Defects in this gene can cause cystathionine beta-synthase deficiency (CBSD), which can lead to homocystinuria.
reference :	Ravel,C., et.al., PLoS ONE 4 (8), E6540 (2009)