HMBS polyclonal antibody

Catalog: BS90649 Host: Rabbit Reactivity: Human, Mouse, Rat

BackGround:

PBGD (porphobilinogen deaminase), also designated hydroxymethylbilane synthase, is a cytoplasmic enzyme found in the heme synthesis pathway. PBGD belongs to the HMBS (hydroxymethylbilane synthase) family. Deficiency of PBGD causes errors in pyrrole metabolism, which in turn leads to an inherited autosomal disorder called acute intermittent porphyria (AIP). AIP is characterized by acute attacks of neurological dysfunctions with hypertension, tachycardia, peripheral neurologic disturbances, abdominal pain and excessive amounts of aminolevulinic acid and porphobilinogen in the urine.

Product:

Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2

Molecular Weight:

40 kDa

Swiss-Prot:

P08397(Human) P22907(Mouse) P19356(Rat)

Purification&Purity:

ProA affinity purified

Applications:

WB:1:1,000-1:2,000

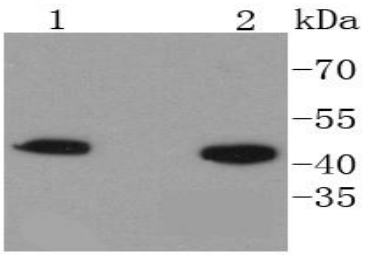
Storage&Stability:

Store at +4℃ after thawing. Aliquot store at -20℃ or -80℃. Avoid repeated freeze / thaw cycles.

Specificity:

HMBS polyclonal antibody detects endogenous levels of HMBS protein.

DATA:



Western blot analysis of HMBS on different lysates using anti-HMBS antibody at 1/1,000 dilution. Positive control: Lane 1: Hela Lane 2: 293T

Note:

For research use only, not for use in diagnostic procedure.

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