

CYP39A1 polyclonal antibody

Catalog: BS62104

Host: Rabbit

Reactivity: Human,Rat,Mouse

BackGround:

24-hydroxycholesterol 7-alpha-hydroxylase, a cytochrome P450 monooxygenase involved in neural cholesterol clearance through bile acid synthesis (PubMed:25201972, PubMed:10748047). Catalyzes 7-alpha hydroxylation of (24S)-hydroxycholesterol, a neural oxysterol that is metabolized to bile acids in the liver (PubMed:25201972, PubMed:10748047). Mechanistically, uses molecular oxygen inserting one oxygen atom into a substrate, and reducing the second into a water molecule, with two electrons provided by NADPH via cytochrome P450 reductase.

Product:

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

Molecular Weight:

~ 55 kDa

Swiss-Prot:

Q9NYL5

Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 96% (by SDS-PAGE).

Applications:

WB: 1:500~1:1000

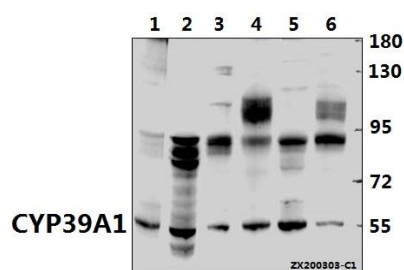
Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

Specificity:

CYP39A1 polyclonal antibody detects endogenous levels of CYP39A1 protein.

DATA:



Western blot (WB) analysis of CYP39A1 polyclonal antibody at 1:1000 dilution

Lane1:C6 whole cell lysate(40ug)

Lane2:AML-12 whole cell lysate(40ug)

Lane3:PC3 whole cell lysate(40ug)

Lane4:Panc1 whole cell lysate(40ug)

Lane5:HEK293T whole cell lysate(40ug)

Lane6:HepG2 whole cell lysate(40ug)

Note:

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

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