MAOA (P347) polyclonal antibody

Catalog: BCP01052 Host: Rabbit Reactivity: Human,Mouse,Rat

BackGround:

Monoamine oxidase (MAO) is an enzyme of the mitochondrial outer membrane and catalyzes the oxidative deamination of biogenic amines throughout the body. MAO is critical in the neuronal metabolism of catecholamine and indolamine transmitters. Cultured skin fibroblasts show both MAO-A and MAO-B and both MAOs differ in molecular structure. MAO-A, the primary type in fibroblasts, preferentially degrades serotonin and norepinephrine.

Product:

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

Molecular Weight:

~ 60 kDa

Swiss-Prot:

P21397

Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

Applications:

WB: 1:500~1:1000

IHC: 1:50~1:200

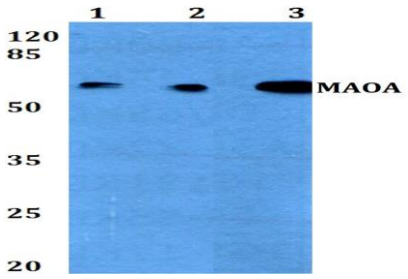
Storage&Stability:

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

Specificity:

MAO-A (P347) polyclonal antibody detects endogenous levels of MAO-A protein.

DATA:



Western blot (WB) analysis of MAOA (P347) pAb at 1:500 dilution

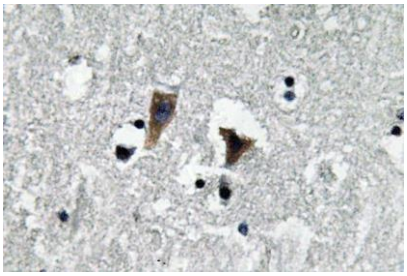
Lane1:The Testis tissue lysate of Mouse(40ug)

Lane2:The Testis tissue lysate of Rat(40ug)

Lane3:The Kidney tissue lysate of Mouse(40ug)

Lane4:HCT116 whole cell lysate(40ug)

Lane5:Hela whole cell lysate(40ug)



Immunohistochemistry (IHC) analyzes of MAO-A (P347) pAb in paraffin-embedded human brain tissue.

Note:

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

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