MAOA monoclonal antibody

Catalog: MB9349 Host: Mouse Reactivity: Human

BackGround:

This gene is one of two neighboring gene family members that encode mitochondrial enzymes which catalyze the oxidative deamination of amines, such as dopamine, norepinephrine, and serotonin. Mutation of this gene results in Brunner syndrome. Has important functions in the metabolism of neuroactive and vasoactive amines in the central nervous system and peripheral tissues.This gene has also been associated with a variety of other psychiatric disorders, including antisocial behavior. Alternatively spliced transcript variants encoding multiple isoforms have been observed.

Product:

Mouse IgG1, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2

Molecular Weight:

60 kDa

Swiss-Prot:

P21397(Human)

Purification&Purity:

ProG affinity purified

Applications:

WB:1:500-1:2,000

ICC:1:50-1:200

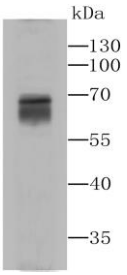
Storage&Stability:

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

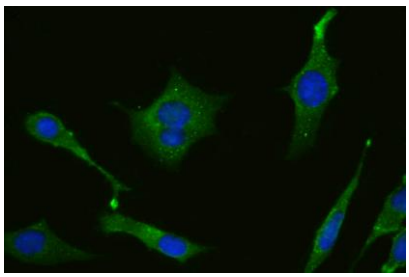
Specificity:

MAOA monoclonal antibody detects endogenous levels of MAOA protein.

DATA:



Western blot analysis of Monoamine Oxidase A on human liver tissue lysates using anti- Monoamine Oxidase A antibody at 1/1,000 dilution.



ICC staining Monoamine Oxidase A in SH-SY-5Y cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.

Note:

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

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