

PON2 polyclonal antibody

Catalog: BS91097

Host: Rabbit

Reactivity: Human, Mouse, Rat

BackGround:

Paroxon is an organophosphorus anticholinesterase compound, used topically in the treatment of glaucoma. It is produced in vivo in mammals by microsomal oxidation of the insecticide parathion. Parathion is inert until transformed to paroxon. Paroxonase (paraoxonase or PON) is an arylesterase that is capable of hydrolyzing paroxon to produce p-nitrophenol. PONs are nonspecific and their classification is based not only on substrate specificity but also on tissue distribution, inhibition properties, and physicochemical characteristics such as electrophoretic mobility and molecular weight. In contrast to PON1, which is expressed mainly in the liver, PON2 is expressed in a variety of mouse tissues, including the pancreas. PON3 is associated with the high density lipoprotein fraction of serum. The genes which encode PON1-3 are physically linked and map to human chromosome 7q21.3.

Product:

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

Molecular Weight:

38/39 kDa

Swiss-Prot:

Q15165(Human) Q62086(Mouse)

Purification&Purity:

ProA affinity purified

Applications:

WB:1:500-1:2,000

IP:1:10-1:50

IHC:1:50-1:200

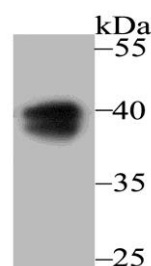
Storage&Stability:

Store at +4 °C after thawing. Aliquot store at -20 °C. Avoid repeated freeze / thaw cycles.

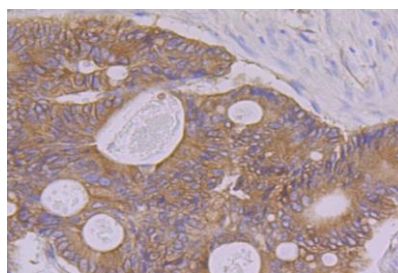
Specificity:

PON2 polyclonal antibody detects endogenous levels of PON2 protein.

DATA:



Western blot analysis of PON2 on A549 cell lysate using anti-PON2 antibody at 1/1,000 dilution.



Immunohistochemical analysis of paraffin-embedded human colon cancer tissue using anti-PON2 antibody. Counter stained with hematoxylin.

Note:

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

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