

Rabbit PON2 Monoclonal Antibody | anti-PON2 antibody

PON2 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA312652	Rabbit	Human, Mouse, Rat	Immunoprecipitation, Immunohistochemistry, Western Blot

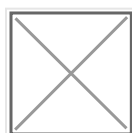
PRODUCT SYNONYMS

PON2; Monoclonal Antibody; PON2 Antibody; A esterase 2 antibody; A-esterase 2 antibody; Aromatic esterase 2 antibody; Paraoxonase 2 antibody; Paraoxonase nirs antibody; PON 2 antibody; PON2 antibody; PON2_HUMAN antibody; Serum aryldialkylphosphatase 2 antibody; Serum paraoxonase/arylesterase 2 antibody; anti-PON2 antibody

PRODUCT SPECIFICATIONS

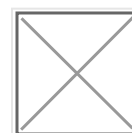
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Monoclonal
Clone Number	JG35-80
Purity/Purification	ProA affinity purified
Form/Format	1*TBS (pH7.4), 1% BSA, 40% Glycerol. Preservative: 0.05% Sodium Azide.
Applicable Applications for anti-PON2 antibody	IP (Immunoprecipitation), IHC (Immunohistochemistry), WB (Western Blot)
Antibody Type	Recombinant Antibody
Immunogen	Recombinant protein within human PON2 aa 200-350.
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C.

IMAGES



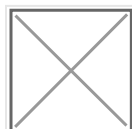
IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded mouse testis tissue using anti-PON2 antibody. Counter stained with hematoxylin.



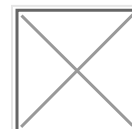
IHC (Immunohistochemistry)

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



IHC (Immunohistochemistry)

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



IHC (Immunohistochemistry)

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



WB (Western Blot)

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

ADDITIONAL INFORMATION

Related Product Information for anti-PON2 antibody	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 Categories/Family for anti-PON2 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	325511384
NCBI GeneID	5445
UniProt Accession #	Q15165; O15114; O15115; O75856; Q5FBX7; Q86YL0; A4D1H7; B2RCP9; B4DJD5
Molecular Weight	354
NCBI Official Full Name	Serum paraoxonase/arylesterase 2
NCBI Official Synonym Full Names	paraoxonase 2
NCBI Official Symbol	PON2
NCBI Protein Information	serum paraoxonase/arylesterase 2; PON 2; A-esterase 2; paraoxonase nirs; aromatic esterase 2; serum aryldialkylphosphatase 2
UniProt Protein Name	Serum paraoxonase/arylesterase 2
UniProt Gene Name	PON2
UniProt Synonym Gene Names	PON 2; A-esterase 2
UniProt Entry Name	PON2_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/monoclonal/pon2-antibody-clone-jg35-80-immunoprecipitation-immunohistochemistry-western-blot-elisa/312652>