FMO4 Antibody (R30983)

| Catalog No.	Formulation	Size
R30983	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human, Mouse, Rat
Format	Antigen affinity purified
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity
Buffer	Lyophilized from 1X PBS with 2.5% BSA and 0.025% sodium azide/thimerosal
UniProt	P31512
Applications	Western blot : 0.5-1ug/ml IHC (FFPE) : 0.5-1ug/ml
Limitations	This FMO4 antibody is available for research use only.
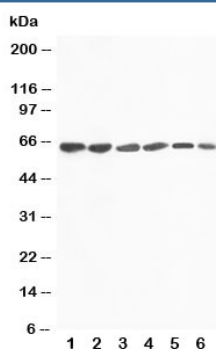
Western blot testing of FMO4 antibody and Lane 1: rat liver; 2: mouse liver; 3: human SMMC-7721; 4: (m) HEPA; 5: (h) A431; 6: (h) MCF-7 cell lysate. Predicted size ~63KD
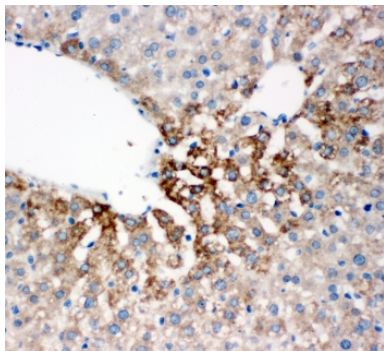
IHC-P: FMO4 antibody testing of rat liver tissue

Description

Flavin-containing monooxygenase 4 (formerly FMO2) is an enzyme that in humans is encoded by the FMO4 gene. By PCR analysis, Dolphin et al.(1992) mapped the gene to chromosome 1. Southern blot hybridization with single exon probes demonstrated that human FMO4 and FMO1 are, in each case, the product of a single gene. Lawton et al.(1994) proposed a reclassification of mammalian FMOs. Under this system, FMO2 described by Dolphin et al.(1992) is now designated FMO4.

Application Notes

The stated application concentrations are suggested starting amounts. Titration of the FMO4 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

An amino acid sequence from the N-terminus of human Flavin containing monooxygenase 4 (HEDYPNFMNHEKFWDYLQ) was used as the immunogen for this FMO4 antibody.

Storage

After reconstitution, the FMO4 antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.