

FMO5 Antibody (R31220)

Catalog No.	Formulation	Size
R31220	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

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Availability	1-3 business days
Species Reactivity	Human
Format	Antigen affinity purified
Host	Rabbit
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	P49326
Applications	Western Blot : 0.5-1ug/ml
Limitations	This FMO5 antibody is available for research use only.



Western blot testing of human HepG2 cell lysate with FMO5 antibody. Expected molecular weight ~60 kDa.

Description

Dimethylaniline monooxygenase [N-oxide-forming] 5 is an enzyme that in humans is encoded by the FMO5 gene. By fluorescence in situ hybridization, this gene was assigned to human chromosome 1q21.1. FMO5 is not an efficient drug-metabolizing enzyme and that it may have an alternative physiologic role. FMO5 transcripts play an important role in progesterone-regulated in breast cancer cells specifically under the control of the progesterone receptor B-isoform.

Application Notes

The stated application concentrations are suggested starting amounts. Titration of the FMO5 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

An amino acid sequence from the N-terminus of human FMO5 (DHYPNFMHNAQVLE) was used as the immunogen for this FMO5 antibody.

Storage

After reconstitution, the FMO5 antibody can be stored for up to one month at 4°C. For long-term, aliquot and store at -20°C. Avoid repeated freezing and thawing.