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Product datasheet for TA335294

FMO3 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for anti-FMO3 antibody: synthetic peptide directed towards the N terminal of human FMO3. Synthetic peptide located within the following region: MGKKVAIIGAGVSGLASIRSCLEEGLEPTCFEKSNDIGGLWKFSDHAEEG
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. *Note that this product is shipped as lyophilized powder to China customers.*
Purification:	Affinity Purified
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	60 kDa
Gene Name:	flavin containing monooxygenase 3
Database Link:	NP_001002294 Entrez Gene 2328 Human P31513
Background:	FMO3 is involved in the oxidative metabolism of a variety of xenobiotics such as drugs and pesticides. It N-oxygenates primary aliphatic alkylamines as well as secondary and tertiary amines. It acts on TMA to produce TMA-N-oxide.
Synonyms:	dJ127D3.1; FMOII; TMAU
Note:	Immunogen Sequence Homology: Dog: 100%; Pig: 100%; Rat: 100%; Goat: 100%; Human: 100%; Mouse: 100%; Yeast: 100%; Bovine: 100%; Guinea pig: 100%; Rabbit: 93%; Horse: 92%

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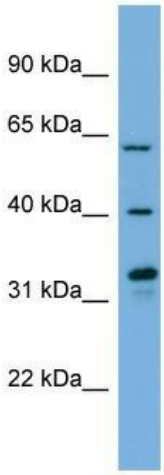
Protein Families: Druggable Genome, Transmembrane

Protein Pathways: Drug metabolism - cytochrome P450

Product images:



WB Suggested Anti-FMO3 Antibody Titration: 0.2-1 ug/ml; Positive Control: OVCAR-3 cell lysate.FMO3 is strongly supported by BioGPS gene expression data to be expressed in Human OVCAR3 cells