

Datasheet for ABIN634825
anti-FM04 antibody (N-Term)



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1 Image

Overview

Quantity:	100 µL
Target:	FM04
Binding Specificity:	N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This FM04 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	FM04 antibody was raised using the N terminal of FM04 corresponding to a region with amino acids MVCTGHFLNPHLPLEAFPGIHKFKGQILHSQEYKIPEGFQGKRVLVIGLG
Specificity:	FM04 antibody was raised against the N terminal of FM04
Purification:	Affinity purified

Target Details

Target:	FM04
Alternative Name:	FM04 (FM04 Products)
Background:	FM04 belongs to the FMO family. Metabolic N-oxidation of the diet-derived amino-trimethylamine (TMA) is mediated by flavin-containing monooxygenase and is subject to an inherited FM03 polymorphism in man resulting in a small subpopulation with reduced TMA N-

Target Details

oxidation capacity resulting in fish odor syndrome Trimethylaminuria. Three forms of the enzyme, FMO1 found in fetal liver, FMO2 found in adult liver, and FMO3 are encoded by genes clustered in the 1q23-q25 region.

Molecular Weight: 63 kDa (MW of target protein)

Application Details

Application Notes: WB: 1 µg/mL
Optimal conditions should be determined by the investigator.

Comment: FMO4 Blocking Peptide, catalog no. 33R-6578, is also available for use as a blocking control in assays to test for specificity of this FMO4 antibody

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: Lyophilized powder. Add distilled water for a 1 mg/mL concentration of FMO4 antibody in PBS

Concentration: Lot specific

Buffer: PBS

Handling Advice: Avoid repeated freeze/thaw cycles.
Dilute only prior to immediate use.

Storage: 4 °C/-20 °C

Storage Comment: Store at 2-8 °C for short periods. For longer periods of storage, store at -20 °C.



Western Blotting

Image 1. FM04 antibody used at 1 ug/ml to detect target protein.