

MATE 2 Rabbit pAb

CatalogNo: YN7992

Key Features

Host Species

- Rabbit

Reactivity

- Human, Mouse

Applications

- WB

MW

- 66kD (Calculated)

Isotype

- IgG

Recommended Dilution Ratios

WB 1:500-2000

Storage

Storage* -15°C to -25°C/1 year (Do not lower than -25°C)

Formulation Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

Basic Information

Clonality Polyclonal

Immunogen Information

Immunogen Synthesized peptide derived from human MATE 2

Specificity This antibody detects endogenous levels of MATE 2 at Human, Mouse

Target Information

Gene name SLC47A2 MATE2

Protein Name Multidrug and toxin extrusion protein 2 (MATE-2) (hMATE-2) (Kidney-specific H(+)/organic cation antiporter) (Solute carrier family 47 member 2)

Organism	Gene ID	UniProt ID
Human	146802 ;	Q86VL8 ;
Mouse	380701 ;	Q3V050 ;

Cellular Localization Cell membrane ; Multi-pass membrane protein . Localized at the brush border membranes of the proximal tubules.

Tissue specificity Isoform 3 is predominantly expressed in kidney. Isoform 6 is expressed in brain.

Function Solute transporter for tetraethylammonium (TEA), 1-methyl-4-phenylpyridinium (MPP), cimetidine, N-methylnicotinamide, metformin, creatinine, guanidine, procainamide, topotecan, estrone sulfate, acyclovir, and ganciclovir. Responsible for the secretion of cationic drugs across the brush border membranes.

| Validation Data

| Contact information

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MATE 2 Rabbit pAb

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