

# Product Datasheet

## MATE1 Antibody NBP1-36989

Unit Size: 0.1 mg

Store at -20C. Avoid freeze-thaw cycles.

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### Publications: 1

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**NBP1-36989**

## MATE1 Antibody

Product Information	
Unit Size	0.1 mg
Concentration	0.5 mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	Tris saline (20 mM Tris pH 7.3, 150 mM NaCl), 0.5% BSA

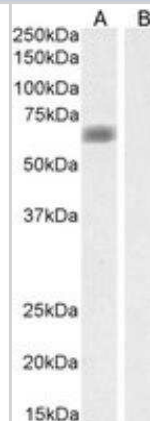
Product Description	
Description	Novus Biologicals Goat MATE1 Antibody (NBP1-36989) is a polyclonal antibody validated for use in WB, ELISA and ICC/IF. Anti-MATE1 Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Goat
Gene ID	55244
Gene Symbol	SLC47A1
Species	Human
Immunogen	This MATE1 Antibody was developed against a peptide with sequence C-PEHPQDGAKLSRKQ corresponding to internal region (near C-Terminus) according to NP_060712.2.

Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Peptide ELISA
Recommended Dilutions	Western Blot 0.1 - 0.3 ug/mL, Immunocytochemistry/ Immunofluorescence 10 ug/mL, Peptide ELISA Detection limit 1:64000

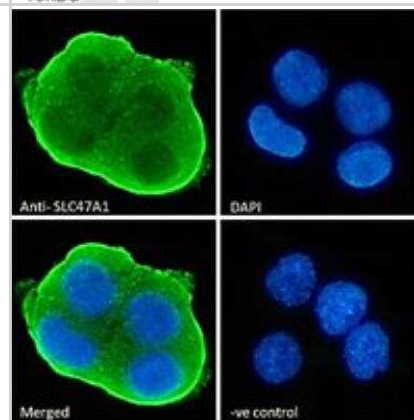


## Images

Western Blot: MATE1 Antibody [NBP1-36989] - Staining of Human Liver lysate (35 ug protein in RIPA buffer) with antibody at 0.1 ug/mL. Detected by chemiluminescence. Approx. 60-65kDa band observed in Human Liver lysates (calculated MW of 61.9 kDa according to NP\_060712.2). This band was successfully blocked by incubation with the immunizing peptide.



Immunocytochemistry/Immunofluorescence: MATE1 Antibody [NBP1-36989] - Immunofluorescence analysis of paraformaldehyde fixed HepG2 cells, permeabilized with 0.15% Triton. Primary incubation 1hr (10 ug/mL) followed by Alexa Fluor 488 secondary antibody (2 ug/mL), showing membrane staining. The nuclear stain is DAPI (blue). Negative control: Unimmunized goat IgG (10 ug/mL) followed by Alexa Fluor 488 secondary antibody (2 ug/mL). Strong expression of the protein seen in the plasma membrane of HepG2 cells.



## Publications

Chen Y, Zhang S, Sorani M, Giacomini KM. Transport of paraquat by human organic cation transporters and multidrug and toxic compound extrusion family. *J Pharmacol Exp Ther* 2007-08-01 [PMID: 17495125]



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### **Products Related to NBP1-36989**

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NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF017	Rabbit anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
HAF109	Donkey anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
NB410-28088-1mg	Goat IgG Isotype Control

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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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