

# Product Datasheet

## TPMT Antibody (JE64-09)

### NBP3-33038

Unit Size: 100 ul

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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**NBP3-33038**

TPMT Antibody (JE64-09)

Product Information	
Unit Size	100 ul
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	JE64-09
Preservative	0.05% Sodium Azide
Isotype	IgG
Purity	Protein A purified
Buffer	1*TBS (pH7.4), 0.05% BSA and 40% Glycerol
Target Molecular Weight	28 kDa

Product Description	
Description	Novus Biologicals Rabbit TPMT Antibody (JE64-09) (NBP3-33038) is a recombinant monoclonal antibody validated for use in IHC, WB and Flow. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	7172
Gene Symbol	TPMT
Species	Human, Mouse, Rat
Immunogen	Synthetic peptide within human TPMT aa 101-150/245. (Uniprot: P51580)

Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Flow Cytometry, Immunohistochemistry
Recommended Dilutions	Western Blot 1:500, Flow Cytometry 1:500-1:1000, Immunohistochemistry, Immunohistochemistry-Paraffin 1:400-1:1000



## Images

Western Blot: TPMT Antibody (JE64-09) [NBP3-33038] - Western blot analysis of TPMT on different lysates with Rabbit anti-TPMT antibody (NBP3-33038) at 1/500 dilution.

Lane 1: K562 cell lysate  
Lane 2: SK-Br-3 cell lysate  
Lane 3: HepG2 cell lysate  
Lane 4: A431 cell lysate

Lysates/proteins at 10 ug/Lane.

Predicted band size: 28 kDa  
Observed band size: 28 kDa

Exposure time: 2 minutes;

12% SDS-PAGE gel.

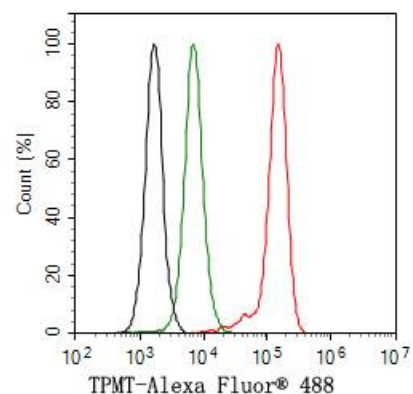
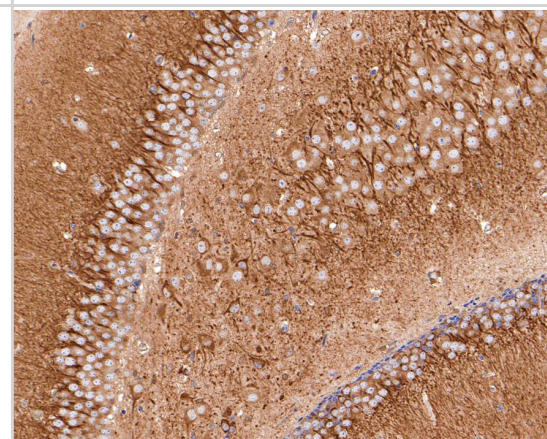
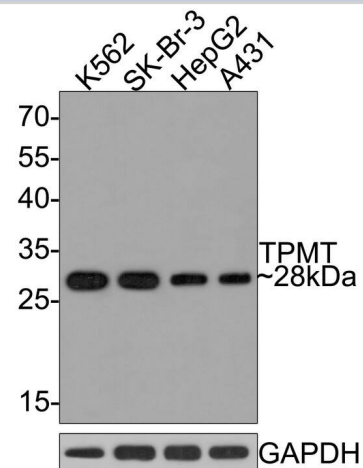
Proteins were transferred to a PVDF membrane and blocked with 5% NFDM/TBST for 1 hour at room temperature. The primary antibody (NBP3-33038) at 1/500 dilution was used in 5% NFDM/TBST at room temperature for 2 hours. Goat Anti-Rabbit IgG - HRP Secondary Antibody at 1:300,000 dilution was used for 1 hour at room temperature.

Immunohistochemistry: TPMT Antibody (JE64-09) [NBP3-33038] - Immunohistochemical analysis of paraffin-embedded mouse hippocampus tissue with Rabbit anti-TPMT antibody (NBP3-33038) at 1/400 dilution.

The section was pre-treated using heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0) for 20 minutes. The tissues were blocked in 1% BSA for 20 minutes at room temperature, washed with ddH<sub>2</sub>O and PBS, and then probed with the primary antibody (NBP3-33038) at 1/400 dilution for 1 hour at room temperature. The detection was performed using an HRP conjugated compact polymer system. DAB was used as the chromogen. Tissues were counterstained with hematoxylin and mounted with DPX.

Flow Cytometry: TPMT Antibody (JE64-09) [NBP3-33038] - Flow cytometric analysis of K562 cells labeling TPMT.

Cells were fixed and permeabilized. Then stained with the primary antibody (NBP3-33038, 1ug/ml) (red) compared with Rabbit IgG Isotype Control (green). After incubation of the primary antibody at +4°C for an hour, the cells were stained with a Alexa Fluor® 488 conjugate-Goat anti-Rabbit IgG Secondary antibody at 1/1,000 dilution for 30 minutes at +4°C. Unlabelled sample was used as a control (cells without incubation with primary antibody; black).





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### **Products Related to NBP3-33038**

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NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit 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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