

## Product datasheet for **TA336652**

### NUMB Rabbit Polyclonal Antibody

#### Product data:

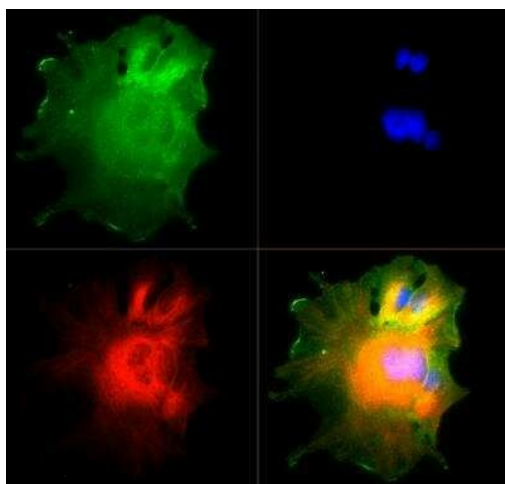
Product Type:	Primary Antibodies
Applications:	ICC/IF, Simple Western, WB
Recommended Dilution:	Simple Western: 1:200, Immunocytochemistry/ Immunofluorescence: 1:500, Western Blot: 0.2-0.5 ug/ml
Reactivity:	Human, Mouse, Chicken
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	A synthetic peptide made to a C-terminal region of mouse NUMB (between residues 600-653). [UniProt# Q9QZS3]
Formulation:	PBS, 0.05% Sodium Azide. Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Concentration:	lot specific
Purification:	Immunogen affinity purified
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	NUMB, endocytic adaptor protein
Database Link:	<a href="#">NP_003735</a> <a href="#">Entrez Gene 18222 Mouse</a> <a href="#">Entrez Gene 8650 Human</a> <a href="#">P49757</a>
Synonyms:	C14orf41; c14_5527; S171
Note:	This NUMB antibody is useful for Western blot and Immunocytochemistry/Immunofluorescence. In WB one may see any or all of the four isoforms. The molecular weight of human and mouse NUMB is 72 kDa (isoform 1), 66 kDa (isoform 2), 71 kDa (isoform 3), and 65 kDa (isoform 4). Multiple non-specific bands may be seen with lower dilutions and/or longer exposure times than suggested in the protocol we used to obtain our data.
Protein Pathways:	Notch signaling pathway



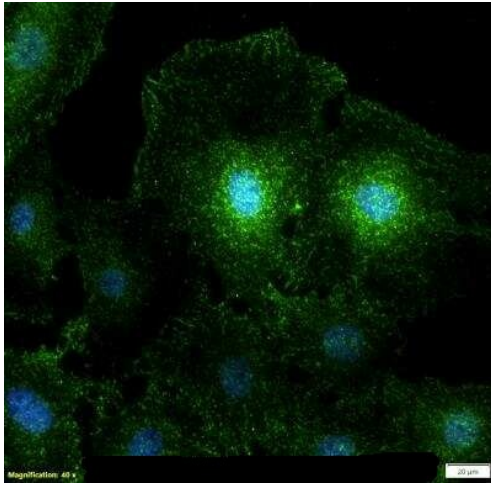
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**Product images:**

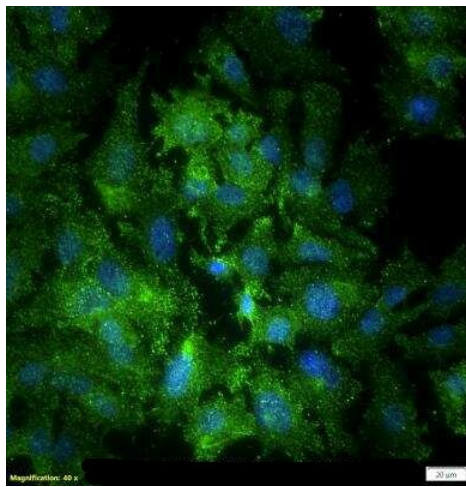
Simple Western: Numb Antibody TA336652 - Simple Western lane view shows a specific band for NUMB in 0.5 mg/ml of A431 lysate. This experiment was performed under reducing conditions using the 12-230 kDa separation system.



Immunocytochemistry/Immunofluorescence: NUMB Antibody TA336652 - The NUMB antibody was tested in HepG2 cells at a 1:500 dilution against Dylight 488 (Green). Alpha-tubulin and nuclei were counterstained against Dylight 550 (Red) and DAPI (Blue), respectively.



Immunocytochemistry/Immunofluorescence: Numb Antibody TA336652 - Rat FR cells were fixed in 4% paraformaldehyde for 10 minutes and permeabilized in 0.05% Triton X-100 in PBS for 5 minutes. The cells were incubated with (TA336652) at 1ug/ml overnight at 4C and detected with an anti-rabbit DyLight 488 (Green) at a 1:1000 dilution for 60 minutes. Nuclei were counterstained with DAPI (Blue). Cells were imaged using a 40X objective.



Immunocytochemistry/Immunofluorescence: Numb Antibody TA336652 - HepG2 cells were fixed in 4% paraformaldehyde for 10 minutes and permeabilized in 0.05% Triton X-100 in PBS for 5 minutes. The cells were incubated with Numb Antibody (TA336652) at 1ug/ml overnight at 4C and detected with an anti-rabbit DyLight 488 (Green) at a 1:1000 dilution for 60 minutes. Nuclei were counterstained with DAPI (Blue). Cells were imaged using a 40X objective.



Western Blot: NUMB Antibody TA336652 - Detection of NUMB isoforms 1 and 2 in A431 whole cell lysate (20 ug) using 0.5 ug/ml of TA336652. ECL detection: 30 seconds.