

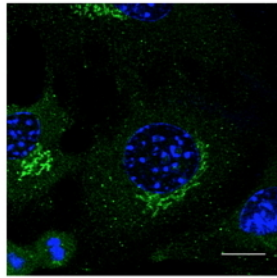
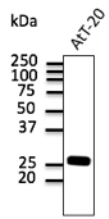
## Rab3 Pan Polyclonal Antibody

<b>Catalogue No*:</b>	AB10032-200	<b>Price/Unit*:</b>	320.00
<b>Source:</b>	3	<b>Quantity/unit size*:</b>	600 g
<b>Description:</b>	Goat polyclonal antibody to mouse Rab3. Rab3 belongs to the small GTPase superfamily, Rab family. Rab3 is involved in exocytosis by regulating a late step in synaptic vesicle fusion. Could play a role in neurotransmitter release by regulating membrane flow in the nerve terminal.  <b>Alternative names:</b> RAB3A, RAB3B, RAB3C, RAB3D, RAS-associated protein RAB3A, ras-related protein Rab-3B, RAS-associated protein RAB3C, RAS-associated protein RAB3D, ras-related protein Rab-3A, ras-related protein Rab-3B, ras-related protein Rab-3C, ras-related protein Rab-3D antibody.		
<b>Immunogen:</b>	Purified recombinant peptides derived from within residues 110 aa to the C-terminus of mouse Rab3a produced in <i>E. coli</i> .		
<b>Specificity:</b>	Detects total Rab3 protein in the following human, rat and mouse whole cell lysates and transfected cells with GFP-Rab3a, GFP-Rab3b and GFP-Rab3c cds by Western blot.		
<b>Reactivity:</b>	Reacts against human, rat, mouse, canine and monkey proteins.		
<b>Usage:</b>	Western blot 1:250-1:1,000 Immunofluorescence 1:50-1:250 Immunohistochemistry (paraffin) 1:250-1:1,500 Immunohistochemistry (froz) 1:250-1:1,500		

### Reactivity Chart

Sample	Western Blot	Immuno-fluorescence	Immuno-Histochemistry (p)	Immuno-Histochemistry (f)
human	+++	+++	+++	+++
rat	+++	+++	+++	+++
mouse	+++	+++	+++	+++
canine	+++	+++	+++	+++
monkey	+++	+++	+++	+++

<b>Storage:</b>	Store at -20 C for long term storage. Store at 2-8 C for up to one month.
<b>Special instructions:</b>	Avoid freeze/thaw cycles.
<b>References:</b>	1. Encarnao M, Espada L, Escrevente C, et al. <i>J Cell Biol.</i> 2016 Jun 20. PMID: 27325790  For research use only, not for diagnostic use



Anti-Rab3 Ab at 1/500 dilution; AtT-20 cell line lysates at 100  $\mu$ g per lane; rabbit polyclonal to goat IgG (HRP) at 1/10,000 dilution;

Immunofluorescence – anti-Rab3 Ab in B6 cells at 1/50 dilution; cells were fixed with methanol;