

## Product datasheet for **TA326474**

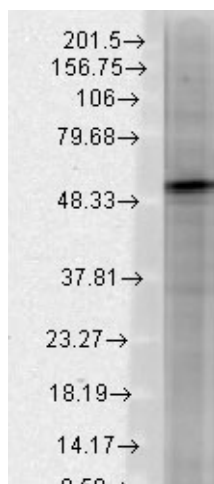
### GABA A Receptor beta 3 (GABRB3) Mouse Monoclonal Antibody [Clone ID: S87-25]

#### Product data:

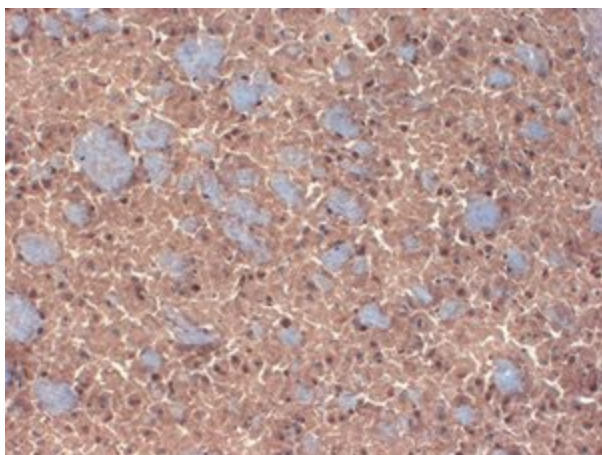
Product Type:	Primary Antibodies
Clone Name:	S87-25
Applications:	IHC, WB
Recommended Dilution:	WB: 1ug/ml, IHC: 0.1-1ug/ml, IF: 1-10ug/ml
Reactivity:	Mouse, Human, Rat
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Fusion protein amino acids 370-433 of mouse GABA-A_r Beta3
Formulation:	PBS pH7.4, 50% glycerol, 0.09% sodium azide
Concentration:	lot specific
Purification:	Protein G Purified
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	gamma-aminobutyric acid type A receptor beta3 subunit
Database Link:	<a href="#">NP_000805</a> <a href="#">Entrez Gene 14402 Mouse</a> <a href="#">Entrez Gene 24922 Rat</a> <a href="#">Entrez Gene 2562 Human</a> <a href="#">P28472</a>
Background:	The GABA-A receptor is a member of the superfamily of fast acting ligand-gated ion channels. The individual subunits of these receptors have similar sequences and structural features . GABA-A receptors are the major fast inhibitory neurotransmitter gated ion channels in the brain .
Synonyms:	ECA5; EIEE43
Note:	Detects ~55kDa. No cross-reactivity against GABA-A-R-Beta 2 or -Beta1.
Protein Families:	Druggable Genome, Ion Channels: Cys-loop Receptors, Transmembrane
Protein Pathways:	Neuroactive ligand-receptor interaction



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**Product images:**

Western blot analysis of GABA(A)R Beta3 in rat brain membrane lysates using a 1:1000 dilution of the antibody



IHC analysis of GABA(A)R Beta 3 in frozen sections of mouse brain extract using the antibody