

Product datasheet for **TA357401**

Pa2g4 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Specificity:	Expected reactivity: Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Yeast, Zebrafish Homology: Cow: 100%; Dog: 100%; Guinea Pig: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Rabbit: 100%; Rat: 100%; Yeast: 91%; Zebrafish: 93%
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. <i>Note that this product is shipped as lyophilized powder to China customers.</i>
Concentration:	lot specific
Purification:	Affinity Purified
Conjugation:	Unconjugated
Storage:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.
Stability:	Shelf life: one year from despatch.
Predicted Protein Size:	44kDa
Gene Name:	proliferation-associated 2G4
Database Link:	NP_035249 Entrez Gene 18813 Mouse P50580



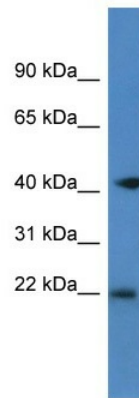
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Background:

Pa2g4 may play a role in a ERBB3-regulated signal transduction pathway. It seems be involved in growth regulation. It acts a corepressor of the androgen receptor (AR) and is regulated by the ERBB3 ligand neuregulin-1/hereregulin (HRG). It inhibits transcription of some E2F1-regulated promoters, probably by recruiting histone acetylase (HAT) activity. It may be involved in ribosome assembly. It mediates cap-independent translation of specific viral IRESs (internal ribosomal entry site). It together with PTBP1 is required for the translation initiation on the foot-and-mouth disease virus (FMDV) IRES.

Synonyms:

EBP1; HG4-1; p38-2G4

Product images:

WB Suggested Anti-Pa2g4 Antibody
Titration: 1.0 ug/ml
Positive Control: Mouse Brain