

## Product datasheet for **TA359697**

### PDE4D Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	WB
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	The immunogen is a synthetic peptide directed towards the C terminal region of human PDE4D
Specificity:	<b>Expected reactivity:</b> Human
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:	88 kDa
Gene Name:	phosphodiesterase 4D
Database Link:	<a href="#">NP_001098101.1</a> <a href="#">Entrez Gene 238871 Mouse</a> <a href="#">Entrez Gene 5144 Human</a> <a href="#">Q08499</a>
Background:	This gene encodes one of four mammalian counterparts to the fruit fly 'dunce' gene. The encoded protein has 3',5'-cyclic-AMP phosphodiesterase activity and degrades cAMP, which acts as a signal transduction molecule in multiple cell types. This gene uses different promoters to generate multiple alternatively spliced transcript variants that encode functional proteins.
Synonyms:	DKFZp686M11213; DPDE3; FLJ97311; HSPDE4D; PDE4DN2; PDE43; STRK1

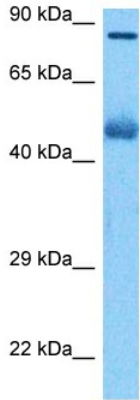


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**Protein Families:** Druggable Genome

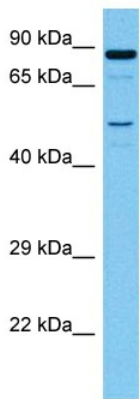
**Protein Pathways:** Progesterone-mediated oocyte maturation, Purine metabolism

**Product images:**



Host: Rabbit  
 Target Name: PDE4D  
 Sample Type: Lung Tumor Lysate  
 Antibody Dilution: 1.0µg/ml

Host: Rabbit  
 Target Name: PDE4D  
 Sample Tissue: Lung Tumor lysates  
 Antibody Dilution: 1 ug/ml



Host: Rabbit  
 Target Name: Pde4d  
 Sample Type: Mouse Pancreas Lysate  
 Antibody Dilution: 1.0µg/ml

Host: Mouse  
 Target Name: PDE4D  
 Sample Tissue: Mouse Pancreas  
 Antibody Dilution: 1ug/ml