

Product datasheet for **TA333538**

G0 Protein alpha (GNAO1) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	WB, IHC
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for Anti-GNAO1 Antibody: synthetic peptide directed towards the middle region of human GNAO1. Synthetic peptide located within the following region: CDVVS ^R RMEDTEPFS ^A ELL ^S AMMRLWGDSGIQECFN ^R SREYQLNDSAKYYL
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>
Purification:	Affinity Purified
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	40 kDa
Gene Name:	G protein subunit alpha o1
Database Link:	NP_620073 Entrez Gene 2775 Human P09471
Background:	Activated Goalpha interacted directly with PLZF, and enhanced its function as a transcriptional and cell growth suppressor. Goalpha might play a role in mediating extracellular signal-regulated kinase activation by G protein-coupled receptors in the brain.
Synonyms:	EIEE17; G-ALPHA-o; GNAO; HLA-DQB1



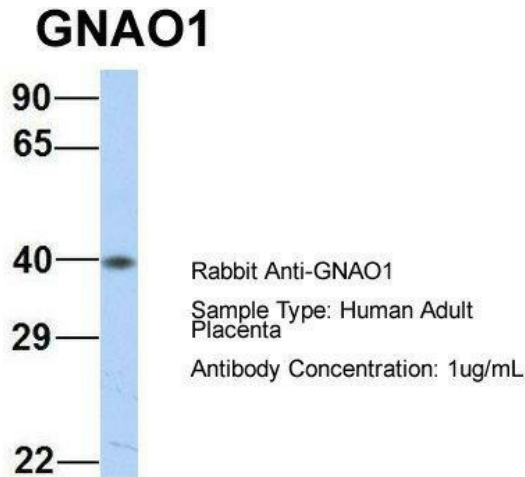
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Note: Immunogen sequence homology: Dog: 100%; Pig: 100%; Rat: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Sheep: 100%; Yeast: 100%; Bovine: 100%; Rabbit: 100%; Guinea pig: 100%; Zebrafish: 93%

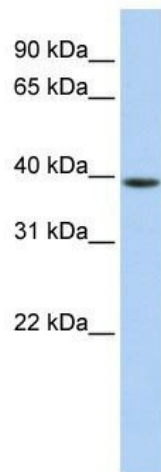
Protein Families: Druggable Genome

Protein Pathways: Long-term depression, Melanogenesis

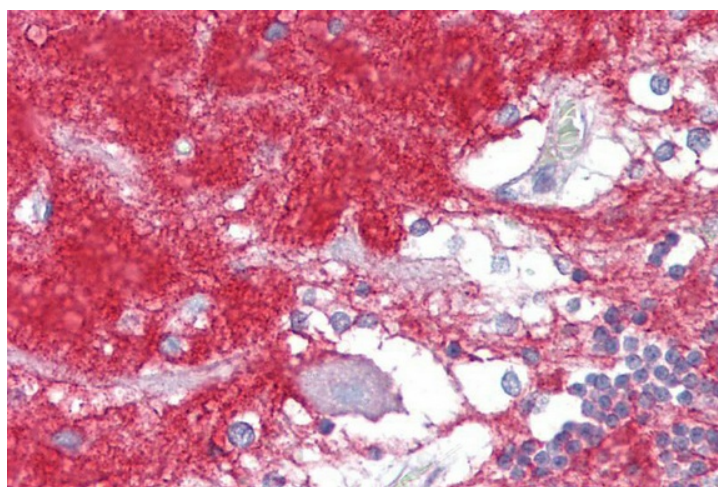
Product images:



Host: Rabbit; Target Name: GNAO1; Sample Tissue: Human Adult Placenta; Antibody Dilution: 1.0 ug/ml



WB Suggested Anti-GNAO1 Antibody Titration: 0.2-1 ug/ml; ELISA Titer: 1: 62500; Positive Control: 721_B cell lysate
There is BioGPS gene expression data showing that GNAO1 is expressed in 721_B



Immunohistochemistry with Brain, cerebellum tissue at an antibody concentration of 5 ug/ml using anti-GNAO1 antibody