

## Product datasheet for **AM20888PU-N**

### G protein alpha inhibitor 1 (GNAI1) Mouse Monoclonal Antibody [Clone ID: 2B8-2A5]

#### Product data:

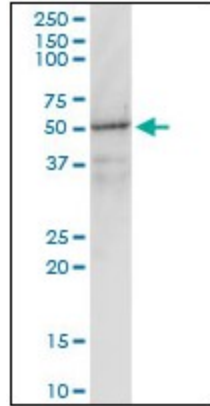
Product Type:	Primary Antibodies
Clone Name:	2B8-2A5
Applications:	ELISA, IHC, WB
Recommended Dilution:	<b>ELISA.</b> <b>Immunohistochemistry on Paraffin Sections:</b> 5 µg/ml. <b>Western Blot.</b>
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Recombinant protein, GNAI1 (AAH26326, 1 a.a. ~ 355 a.a) full length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Specificity:	This antibody reacts to Guanine Nucleotide Binding Protein (G Protein), Alpha Inhibiting Activity Polypeptide 1 (GNAI1).
Formulation:	PBS, pH 7.2 State: Liquid purified Ig fraction
Concentration:	lot specific
Purification:	Protein A Chromatography
Conjugation:	Unconjugated
Storage:	Store the antibody at -20°C. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	G protein subunit alpha i1
Database Link:	<a href="#">Entrez Gene 2770 Human P63096</a>
Synonyms:	GNAI1
Protein Families:	Druggable Genome



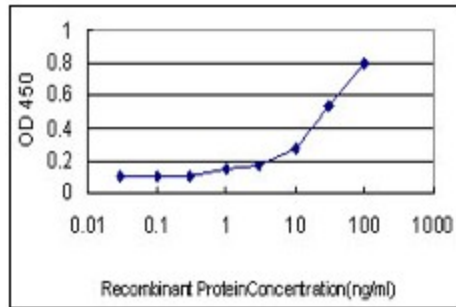
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**Protein Pathways:** Axon guidance, Chemokine signaling pathway, Gap junction, Leukocyte transendothelial migration, Long-term depression, Melanogenesis, Progesterone-mediated oocyte maturation, Tight junction

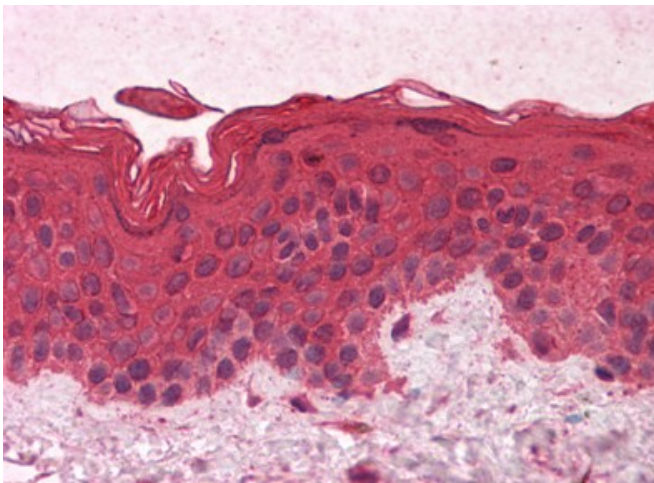
**Product images:**



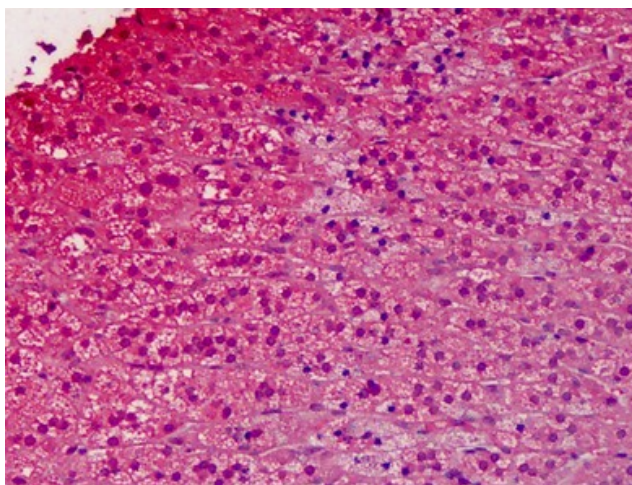
GNAI1 monoclonal antibody, clone 2B8-2A5. Western Blot analysis of GNAI1 expression in human liver.



Detection limit for recombinant GST tagged GNAI1 is approximately 1 ng/ml as a capture antibody.



Human Skin: Formalin-Fixed, Paraffin-Embedded (FFPE)



Human Adrenal: Formalin-Fixed, Paraffin-Embedded (FFPE)