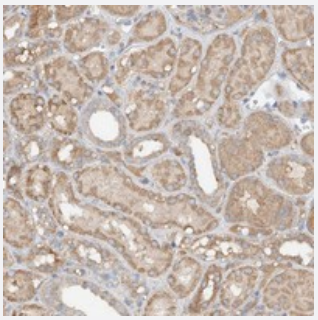
GNB1L polyclonal antibody

Catalog # PAB22629 Size 100 uL

Applications



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining of human kidney with GNB1L polyclonal antibody (Cat # PAB22629) shows moderate cytoplasmic positivity in tubular cells at 1:50-1:200 dilution.

Specification

Product Description	Rabbit polyclonal antibody raised against recombinant GNB1L.
Immunogen	Recombinant protein corresponding to amino acids of human GNB1L.
Sequence	VDSVCLESVGFCRSSILAGGQPRWTLAVPGRGSDEVQILEMPSKTSVCALKPKADAKLGMPMC LRLWQADCSSRPLLLAGYEDGSVVL
Host	Rabbit
Reactivity	Human
Form	Liquid
Purification	Antigen affinity purification
Isotype	IgG
Recommend Usage	Immunohistochemistry (1:50-1:200) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.2 (40% glycerol, 0.02% sodium azide)

Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

Applications

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Gene Info — GNB1L

Entrez GeneID	54584
Protein Accession#	Q9BYB4
Gene Name	GNB1L
Gene Alias	DGCRK3, FKSG1, GY2, KIAA1645, WDR14, WDVCF
Gene Description	guanine nucleotide binding protein (G protein), beta polypeptide 1-like
Omim ID	610778
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a G-protein beta-subunit-like polypeptide which is a member of the WD repea t protein family. WD repeats are minimally conserved regions of approximately 40 amino acids ty pically bracketed by gly-his and trp-asp (GH-WD), which may facilitate formation of heterotrimeric or multiprotein complexes. Members of this family are involved in a variety of cellular processes, i ncluding cell cycle progression, signal transduction, apoptosis, and gene regulation. This protein c ontains 6 WD repeats and is highly expressed in the heart. The gene maps to the region on chro mosome 22q11, which is deleted in DiGeorge syndrome, trisomic in derivative 22 syndrome and tetrasomic in cat-eye syndrome. Therefore, this gene may contribute to the etiology of those disor ders. Transcripts from this gene share exons with some transcripts from the C22orf29 gene. [prov ided by RefSeq
Other Designations	G-protein beta subunit-like protein|guanine nucleotide binding protein beta-subunit-like polypeptid e

Disease

- Chromosome Deletion
- Schizophrenia
- Schizophrenic Psychology