

GNB1L Polyclonal Antibody

Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP55169

Product Information

Application	IHC-P, IHC-F, IF, ICC, E
Primary Accession	Q9BYB4
Reactivity	Rat, Dog
Host	Rabbit
Clonality	Polyclonal
Calculated MW	35618

Additional Information

Gene ID	54584
Other Names	Guanine nucleotide-binding protein subunit beta-like protein 1, G protein subunit beta-like protein 1, DGCRK3, WD repeat-containing protein 14, WD40 repeat-containing protein deleted in VCFS, WDVCF, GNB1L, GY2, KIAA1645, WDR14
Dilution	IHC-P=1:100-500,IHC-F=1:100-500,ICC=1:100-500,IF=1:100-500,ELISA=1:5000-10000
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

Protein Information

Name	GNB1L (HGNC:4397)
Synonyms	GY2, KIAA1645, WDR14
Function	Acts as a critical regulator of DNA damage response (DDR) signaling via specifically regulating phosphatidylinositol 3-kinase- related protein kinase (PIKK) family proteins.
Cellular Location	Cytoplasm. Nucleus. Note=Localizes mainly in cytosol and to a lesser extent in the nucleus.
Tissue Location	Ubiquitous. Highly expressed in heart, liver, skeletal muscle, kidney, spleen, thymus and pancreas. Detected at low levels in lung, placenta and brain.