

GUCY2D Antibody (Center)

Catalog_no :	AB0937
Applications :	WB
Reactivity :	H, Rat
Category :	抗原抗体
Size :	100μL/50μL
Immunogen :	HUMAN:540-570
Specificity :	This GUCY2D antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 540-570 amino acids from the Central region of human GUCY2D.
Dilution :	FC,1:25;WB,1:2000;WB,1:1000;IHC-P,1:50~100;
Purification :	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Other_name :	Retinal guanylyl cyclase 1, RETGC-1, Guanylate cyclase 2D, retinal, Rod outer segment membrane guanylate cyclase, ROS-GC, GUCY2D, CORD6, GUC1A4, GUC2D, RETGC, RETGC1
Isotype :	Rabbit Ig
Background :	This gene encodes a retina-specific guanylate cyclase, which is a member of the membrane guanylyl cyclase family. Like other membrane guanylyl cyclases, this enzyme has a hydrophobic amino-terminal signal sequence followed by a large extracellular domain, a single membrane spanning domain, a kinase homology domain, and a guanylyl cyclase catalytic domain. In contrast to other membrane guanylyl cyclases, this enzyme is not activated by natriuretic peptides. Mutations in this gene result in Leber congenital amaurosis and cone-rod dystrophy-6 diseases. [provided by RefSeq].
reference :	Silva, L.K., et al. Eur. J. Hum. Genet. 18(11):1221-1227(2010) Liu, C.Y., et al. Carcinogenesis 31(7):1259-1263(2010) Joslyn, G., et al. Alcohol. Clin. Exp. Res. 34(5):800-812(2010) Pasadhika, S., et al. Invest. Ophthalmol. Vis. Sci. 51(5):2608-2614(