



Anti-GUCA2B (aa 1-24) polyclonal antibody (DPAB3202RH)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	Polyclonal antibody to human Uroguanylin, circulating form (aa 1-24)
Antigen Description	Uroguanylin is a 16 amino acid peptide that is secreted by enterochromaffin cells in the duodenum and proximal small intestine. Guanylin acts as an agonist of the guanylyl cyclase receptor GC-C and regulates electrolyte and water transport in intestinal and renal epithelia. In humans, the uroguanylin peptide is encoded by the GUCA2B gene
Specificity	Synthetic human Uroguanylin (aa 1-24). Recognizes the circulating form of Uroguanylin.
Immunogen	Synthetic human Uroguanylin (aa 1-24) circulating form (FKTLRTIANDDCELCVNVACTGCL)
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human
Conjugate	Unconjugated
Applications	ELISA, RIA, WB, IHC
Concentration	20 µl / 100 µl (lyophilized). Resuspend in 20 µl / 100 µl aqua bidest
Preservative	None
Storage	2-8 °C (lyophilized); - 20 °C (dissolved). Repeated thawing and freezing must be avoided

GENE INFORMATION

Gene Name [GUCA2B guanylate cyclase activator 2B \(uroguanylin\) \[Homo sapiens \]](#)

Official Symbol	GUCA2B
Synonyms	GUCA2B; guanylate cyclase activator 2B (uroguanylin); UGN; GCAP-II; guanylate cyclase activator 2B; uroguanylin; OTTHUMP00000007927; uroguanylin; Guanylate cyclase C-activating peptide 2; Guanylate cyclase C-activating peptide II
Entrez Gene ID	2981
Protein Refseq	NP_009033
UniProt ID	Q16661
Chromosome Location	1p34-p33
Pathway	Myometrial Relaxation and Contraction Pathways
Function	calcium sensitive guanylate cyclase activator activity; enzyme activator activity