

Rabbit Anti-GATA6 Polyclonal: RC0047

Intended Use: For Research Use Only

Description: GATA6 is a member of a small family of zinc finger transcription factors that play an important role in the regulation of cellular differentiation and organogenesis during vertebrate development. GATA6 is expressed during early embryogenesis and localizes to endo- and mesodermally derived cells during later embryogenesis and thereby plays an important role in gut, lung, and heart development. Mutations in this gene are associated with several congenital defects.

Specifications

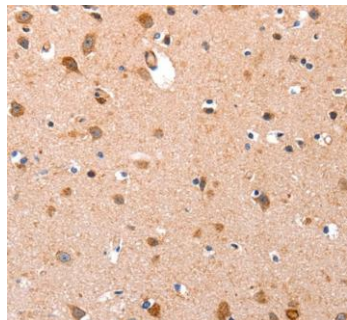
Clone:	Polyclonal
Source:	Rabbit
Isotype:	IgG
Reactivity:	Human
Immunogen:	Synthetic peptide of human GATA6 protein
Localization:	Nucleus
Formulation:	Purified antibody in PBS pH7.4, containing BSA and $\leq 0.09\%$ sodium azide (NaN ₃)
Storage:	Store at 2°- 8°C
Applications:	IHC, WB
Package:	

Description	Catalog No.	Size
GATA6 Polyclonal Concentrated	RC0047	1 ml

IHC Procedure*

Positive Control Tissue:	Stomach, cervical cancer, melanoma, brain
Concentrated Dilution:	10-50
Pretreatment:	Tris EDTA pH9.0, 15 minutes Pressure Cooker or 30-60 minutes water bath at 95°-99°C
Incubation Time and Temp:	Overnight @ 4°C
Detection:	Refer to the detection system manual

* Result should be confirmed by an established diagnostic procedure.



FFPE human brain tissue stained with anti-GATA6 using DAB

References:

1. A GATA6-centred gene regulatory network involving HNFs and Δ Np63 controls plasticity and immune escape in pancreatic cancer. Bernhard Kloesch, et al. Gut BMJ. 71:766-777, 2022.
2. Long noncoding RNA CDKN2B-AS1 interacts with transcription factor BCL11A to regulate progression of cerebral infarction through mediating MAP4K1 transcription. Jun-Jie Lei, et al. FASEB J. Jun;33(6):7037-7048, 2019.
3. An integrative analysis reveals functional targets of GATA6 transcriptional regulation in gastric cancer. R Sulahian, et al. Oncogene. Dec 4;33(49):5637-48, 2014.