

PRG3 Antibody

Catalog No: #42923

Orders: order@signalwayantibody.comSupport: tech@signalwayantibody.com

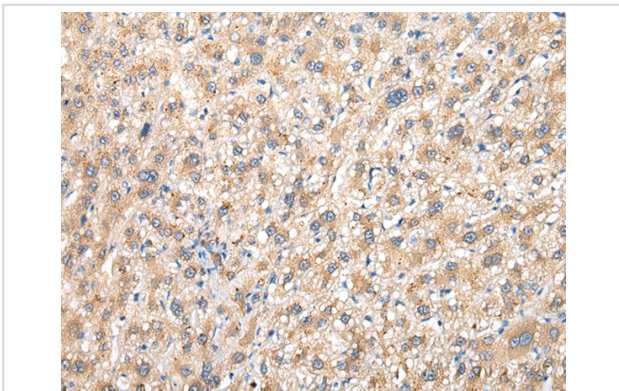
Description

Product Name	PRG3 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antigen affinity purification.
Applications	IHC
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total PRG3 protein.
Immunogen Type	protein
Immunogen Description	Full length fusion protein of human PRG3
Target Name	PRG3
Other Names	MBP2; MBPH
Accession No.	Swiss-Prot#: Q9Y2Y8 Gene ID: 10394
Uniprot	Q9Y2Y8
GeneID	10394;
Concentration	1.3mg/ml
Formulation	Rabbit IgG in pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol.
Storage	Store at -20°C

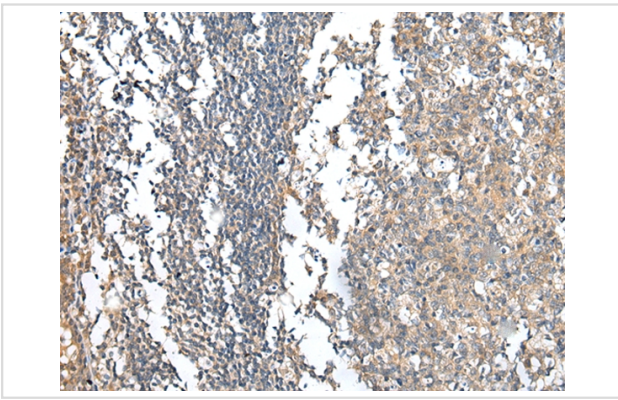
Application Details

Immunohistochemistry: 1:30-1:150

Images



Immunohistochemical analysis of paraffin-embedded Human liver cancer tissue using #42923 at dilution 1/30.



Immunohistochemical analysis of paraffin-embedded Human tonsil tissue using #42923 at dilution 1/30.

Background

This gene encodes a member of the plasticity-related gene (PRG) family. Members of the PRG family mediate lipid phosphate phosphatase activity in neurons and are known to be involved in neuronal plasticity. The protein encoded by this gene does not perform its function through enzymatic phospholipid degradation. This gene is strongly expressed in brain. It shows dynamic expression regulation during brain development and neuronal excitation. Alternatively spliced transcript variants encoding the same protein have been observed. Possesses similar cytotoxic and cyto stimulatory activities to PRG2/MBP. In vitro, stimulates neutrophil superoxide production and IL8 release, and histamine and leukotriene C4 release from basophils.

Note: This product is for in vitro research use only