

TIGAR Antibody

Catalog No: #43101

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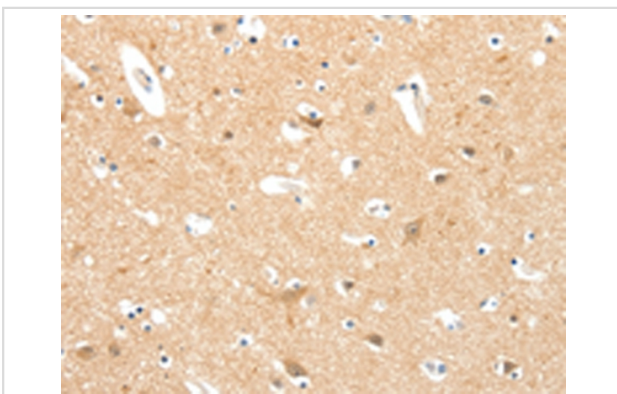
Description

Product Name	TIGAR Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antigen affinity purification.
Applications	IHC
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total TIGAR protein.
Immunogen Type	peptide
Immunogen Description	Synthetic peptide of human TIGAR
Target Name	TIGAR
Other Names	FR2BP; C12orf5
Accession No.	Swiss-Prot#: Q9NQ88Gene ID: 57103
Uniprot	Q9NQ88
GeneID	57103;
Concentration	0.7mg/ml
Formulation	Rabbit IgG in pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol.
Storage	Store at -20°C

Application Details

Immunohistochemistry: 1:25-1:100

Images



Immunohistochemical analysis of paraffin-embedded Human brain tissue using #43101 at dilution 1/20,

Background

This gene is regulated as part of the p53 tumor suppressor pathway and encodes a protein with sequence similarity to the bisphosphate domain of the glycolytic enzyme that degrades fructose-2,6-bisphosphate. The protein functions by blocking glycolysis and directing the pathway into the pentose phosphate shunt. Expression of this protein also protects cells from DNA damaging reactive oxygen species and provides some protection from DNA damage-induced apoptosis. The 12p13.32 region that includes this gene is paralogous to the 11q13.3 region.

Note: This product is for in vitro research use only