

TIGAR RABBIT PAB

Cat.#: S213755

Product Name: Anti-TIGAR Rabbit Polyclonal Antibody

Synonyms: FR2BP; C12orf5

UNIPROT ID: Q9NQ88 (Gene Accession - NP_065108)

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.

Immunogen: Synthetic peptide of human TIGAR

Applications: ELISA, IHC

Recommended Dilutions: IHC: 20-100; ELISA: 2000-5000

Host Species: Rabbit

Clonality: Rabbit Polyclonal

Isotype: Immunogen-specific rabbit IgG

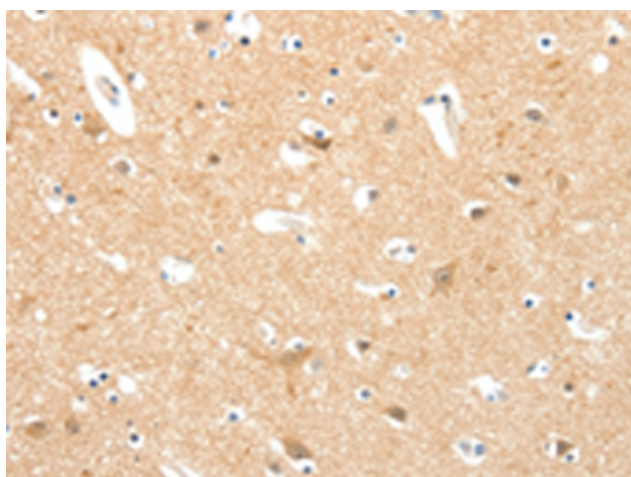
Purification: Antigen affinity purification

Species Reactivity: Human

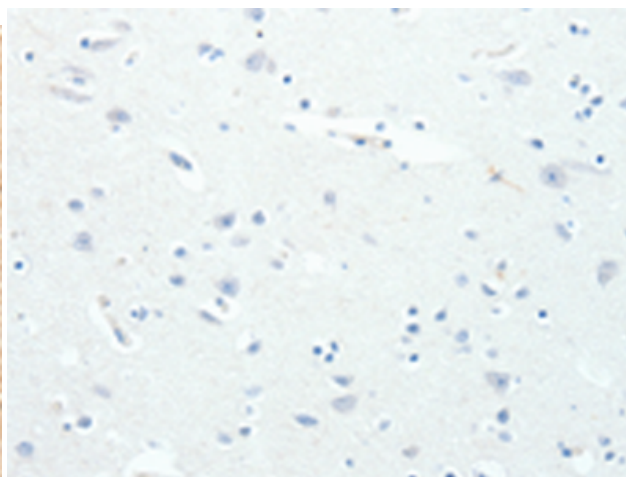
Constituents: PBS (without Mg²⁺ and Ca²⁺), pH 7.4, 150 mM NaCl, 0.05% Sodium Azide and 40% glycerol

Research Areas: Cancer

Storage & Shipping: Store at -20°C. Avoid repeated freezing and thawing



Immunohistochemistry analysis of paraffin embedded Human brain tissue using 213755(TIGAR Antibody) at a dilution of 1/20(Cytoplasm and Cell membrane).



In comparison with the IHC on the left, the same paraffin-embedded Human brain tissue is first treated with the synthetic peptide and then with 213755(Anti-TIGAR Antibody) at dilution 1/20.