
TIGAR Antibody

Subcategory: Rabbit Polyclonal Antibody

Cat. No.: 250533

Unit: 0.1 mg

Description:

TIGAR is a probable fructose-biphosphatase that lowers cellular levels of fructose 2,6-bisphosphate, thus blocking glycolysis and directing the pathway into the pentose phosphate shunt. TIGAR protects cells against reactive oxygen species. It is rapidly up-regulated by p53, and protects against p53-induced apoptosis. TIGAR is phosphorylated upon DNA damage, probably by ATM or ATR.

Isotype: Rabbit Ig

Applications: E, WB, IHC

Species Reactivity: H, M

Format: Each vial contains 0.1 mg IgG in 0.1 ml (1 mg/ml) of PBS pH7.4 with 0.09% sodium azide. Antibody was purified by Protein-G affinity chromatography.

Alternate Names: Probable fructose-2,6-bisphosphatase TIGAR; TP53-induced glycolysis and apoptosis regulator; TIGAR; C12orf5

Accession No.: Q9NQ88

Antigen: KLH-conjugated synthetic peptide encompassing a sequence within the N-term region of human TIGAR.

Application Notes: E: 1:500-1:1,000; WB: 1:100-1:500; IHC: 1:100-1:500

Storage: Store at -20°C. Minimize freeze-thaw cycles.

Product is guaranteed one year from the date of shipment.

For research use only, not for diagnostic or therapeutic procedures.