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Anti-TRP14 Antibody

Catalog # AP60854

Product Information

Application	WB, IF/IC
Primary Accession	Q9BRA2
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	13941

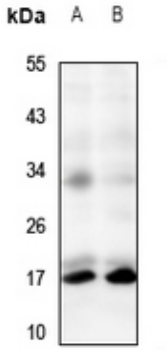
Additional Information

Gene ID	84817
Other Names	TXNL5; Thioredoxin domain-containing protein 17; 14 kDa thioredoxin-related protein; TRP14; Protein 42-9-9; Thioredoxin-like protein 5
Target/Specificity	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human TRP14. The exact sequence is proprietary.
Dilution	WB~~WB (1/500 - 1/2000) IF/IC~~N/A
Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

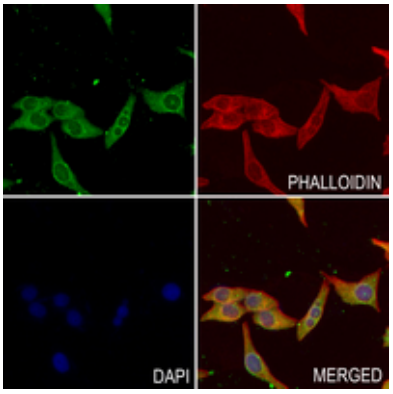
Protein Information

Name	TXNDC17
Synonyms	TXNL5
Function	Disulfide reductase. May participate in various redox reactions through the reversible oxidation of its active center dithiol to a disulfide and catalyze dithiol-disulfide exchange reactions. Modulates TNF signaling and NF-kappa-B activation. Has peroxidase activity and may contribute to the elimination of cellular hydrogen peroxide.
Cellular Location	Cytoplasm.
Tissue Location	Ubiquitously expressed in cell lines.

Images



Western blot analysis of TRP14 expression in A549 (A), HEK293T (B) whole cell lysates. (Predicted band size: 13 kD; Observed band size: 17 kD)



Immunofluorescent analysis of TRP14 staining in MCF7 cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a hidified chamber. Cells were washed with PBST and incubated with a AF488-conjugated secondary antibody (green) in PBS at room temperature in the dark. Phalloidin - AF594 was used to stain Actin filaments (red). DAPI was used to stain the cell nuclei (blue).

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.