



TRP14 Polyclonal Antibody

Catalog No	YP-Ab-02855
Isotype	IgG
Reactivity	Human;Rat;Mouse;
Applications	WB;ELISA
Gene Name	TXNDC17
Immunogen	Synthesized peptide derived from TRP14 . at AA range: 20-100
Specificity	TRP14 Polyclonal Antibody detects endogenous levels of TRP14 protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	Western Blot: 1/500 - 1/2000. ELISA: 1/20000. Not yet tested in other applications.
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	TXNL5;TRP14;Thioredoxin-like protein 5;Thioredoxin domain-containing protein 17;Protein 42-9-9;TXNDC17;14 kDa thioredoxin-related protein
Observed Band	13kD
Calculated Molecular Weight	13kD
Cell Pathway	Cytoplasm .
Tissue Specificity	Ubiquitously expressed in cell lines.
Function	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-alpha signaling and NF-kappa-B activation. Has peroxidase activity and may contribute to the elimination of cellular hydrogen peroxide.,PTM:The oxidized protein is reduced by TRXR1.,similarity:Belongs to the thioredoxin family.,similarity:Contains 1 thioredoxin domain.,subunit:Interacts with TRXR1 and DYNLL1/DNCL1.,tissue specificity:Ubiquitously expressed in cell lines.,



Background

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-alpha signaling and NF-kappa-B activation. Has peroxidase activity and may contribute to the elimination of cellular hydrogen peroxide. PTM: The oxidized protein is reduced by TRXR1. similarity: Belongs to the thioredoxin family. similarity: Contains 1 thioredoxin domain. subunit: Interacts with TRXR1 and DYNLL1/DNCL1. tissue specificity: Ubiquitously expressed in cell lines.

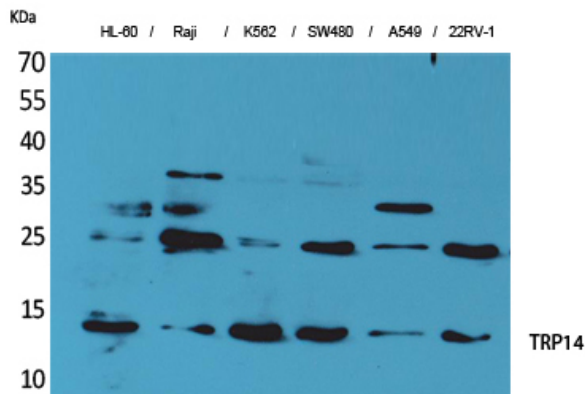
matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images



Western Blot analysis of HL-60, Raji, K562, SW480, A549, 22RV-1 cells using TRP14 Polyclonal Antibody. Secondary antibody (catalog#: RS0002) was diluted at 1:20000