

PTPA Antibody

Subcategory: Rabbit Polyclonal Antibody

Cat. No.: 252161

Unit: 0.1 mg

Description:

Serine/threonine-protein phosphatase 2A activator (PTPA) accelerates the folding of proteins. PTPA catalyzes the cis-trans isomerization of proline imidic peptide bonds in oligopeptides. PTPA acts as a regulatory subunit for serine/threonine-protein phosphatase 2A (PP2A), modulating its activity or substrate specificity, probably by inducing a conformational change in the catalytic subunit, a proposed direct target of PTPA. PTPA can reactivate inactive phosphatase PP2A-phosphatase methylesterase complexes (PP2A(i)) in presence of ATP and Mg²⁺.

Isotype: Rabbit Ig

Applications: E, WB

Species Reactivity: H, M, R

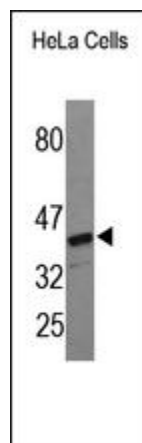
Format: Each vial contains 0.1 mg IgG in 0.1 ml (1 mg/ml) of PBS pH7.4, 0.5% BSA with 0.09% sodium azide. Antibody was purified by immunogen affinity chromatography.

Alternate Names: Serine/threonine-protein phosphatase 2A activator; Serine/threonine-protein phosphatase 2A regulatory subunit B'; PP2A, subunit B', PR53 isoform; Phosphotyrosyl phosphatase activator; PTPA; Serine/threonine-protein phosphatase 2A regulatory subunit 4; PPP2R4; PTPA

Accession No.: Q15257

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

Application Notes: E: 1:10,000-1:50,000; WB: 1:200-1:1,000



The PTPA Antibody is used in Western blot to detect PTPA in HeLa cell lysates.

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.