
5-Lipoxygenase (Ser523) Antibody

Subcategory: Rabbit Polyclonal Antibody, Phosphospecific Antibody

Cat. No.: 252519

Unit: 0.1 ml

Description:

Arachidonate 5-lipoxygenase (5-Lipoxygenase) catalyzes the first step in leukotriene biosynthesis, and thereby plays a role in inflammatory processes. Serine phosphorylation by MAPKAPK2 is stimulated by arachidonic acid.

Phosphorylation on Ser-523 by PKA has an inhibitory effect.

Isotype: Rabbit Ig

Applications: E, WB

Species Reactivity: H, R

Format: Each vial contains 0.1 ml IgG in HEPES pH7.5, 150 mM NaCl, 0.01% BSA and 50% glycerol. Antibody was purified by immunogen affinity chromatography.

Alternate Names: Arachidonate 5-lipoxygenase; 5-LO; 5-lipoxygenase; ALOX5; LOG5

Accession No.: P09917

Antigen: KLH-conjugated synthetic phosphopeptide encompassing a sequence surrounding Ser523 of human 5-lipoxygenase (5-LO).

Application Notes: E: 1:1,000; WB: 1:1,000

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.