

Arachidonate 5 Lipoxygenase (Phospho-Ser271) Antibody

E11-0769A

Catalog Number: E11-0769A**Concentration:** 1mg/ml**Swiss-Prot No.:** P09917**Other Names:** 5-lipoxygenase, ALOX5, Arachidonate 5-lipoxygenase, EC 1.13.11.34, LOG5, LOX5**All Sites:** Human: Ser272; Mouse: Ser272; Rat: Ser271**Storage/Stability:** Store at -20 °C/1 year**Form of Antibody:** Rabbit IgG in phosphate buffered saline (without Mg²⁺ and Ca²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.**Immunogen:** The antiserum was produced against synthesized phosphopeptide derived from human Arachidonate 5 lipoxygenase around the phosphorylation site of serine 271 (Q-L-S^P-L-E).**Purification:** The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using

epitope-specific phosphopeptide. The antibody against non-phosphopeptide was removed by chromatography using non-phosphopeptide corresponding to the phosphorylation site.

Specificity: Arachidonate 5 Lipoxygenase (Phospho-Ser271) antibody detects endogenous levels of Arachidonate 5 lipoxygenase only when phosphorylated at serine 271.

Reactivity: Human, Mouse, Rat

Applications: WB: 1:500~1:1000 IHC: 1:50~1:100
ELISA: 1:10000

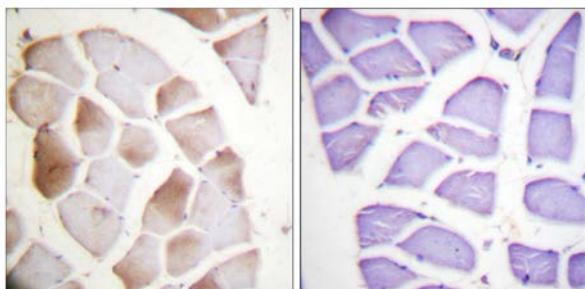
References:

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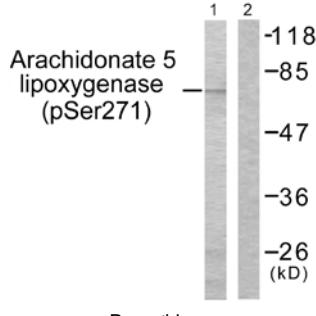
K Ochi, J. Biol. Chem., May 1983; 258: 5754 - 5758.

N Ueda, J. Biol. Chem., Jun 1986; 261: 7982 - 7988.

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P-peptide - +
Immunohistochemistry analysis of paraffin-embedded human skeletal muscle tissue using Arachidonate 5 Lipoxygenase (Phospho-Ser271) antibody.



Western blot analysis of extracts from HuvEc cells, using Arachidonate 5 Lipoxygenase (Phospho-Ser271) antibody.