



Arachidonate 5 Lipoxygenase (Ab-271) Antibody

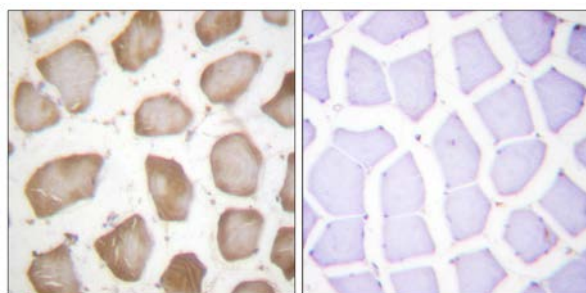
E11-0769B**Catalog Number:** E11-0769B**Concentration:** 1mg/ml**Swiss-Prot No.:** P09917**Other Names:** 5-lipoxygenase, ALOX5, Arachidonate 5-lipoxygenase, EC 1.13.11.34, LOG5, LOX5**Storage/Stability:** Store at -20°C/1 year**Form of Antibody:** Rabbit IgG in phosphate buffered saline (without Mg^{2+} and Ca^{2+}), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.**Immunogen:** The antiserum was produced against synthesized non-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 immunogen.**Specificity:** Arachidonate 5 Lipoxygenase (Ab-271) antibody detects endogenous levels of total Arachidonate 5 lipoxygenase protein.**Reactivity:** Human, Mouse**Applications:** WB: 1:500~1:1000 IHC: 1:50~1:100 ELISA: 1:10000**References:**

RJ Boado, PNAS, Oct 1992; 89: 9044.

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

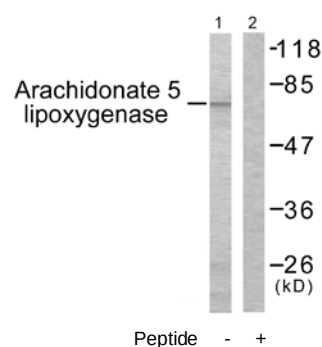
N Ueda, J. Biol. Chem., Jun 1986; 261: 7982 - 7988.

Jagadananda Ghosh, PNAS, Oct 1998; 95: 13182.



Peptide - +

Immunohistochemistry analysis of paraffin-embedded human skeletal muscle tissue using Arachidonate 5 Lipoxygenase (Ab-271) antibody.



Western blot analysis of extracts from HuvEc cells, using Arachidonate 5 Lipoxygenase (Ab-271) antibody.

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