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PRODUCT INFORMATION



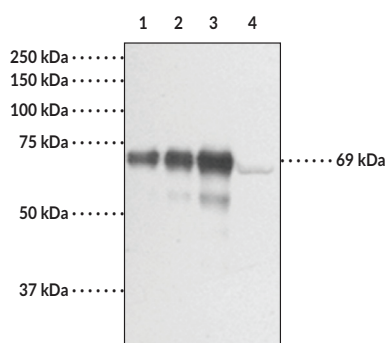
Leukotriene A₄ Hydrolase Polyclonal Antibody

Item No. 160250

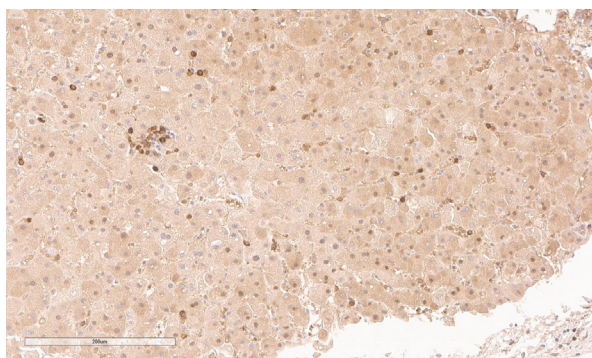
Overview and Properties

Contents:	This vial contains 100 µg of protein A-purified polyclonal antibody.
Synonym:	LTA ₄ Hydrolase
Immunogen:	Human recombinant leukotriene A ₄ hydrolase (LTA ₄ hydrolase) ^{1,2}
Species Reactivity:	(+) Human; other species not tested
Uniprot No.:	P09960
Form:	Liquid
Storage:	-20°C (as supplied)
Stability:	≥3 years
Storage Buffer:	PBS, pH 7.2, with 50% glycerol, 0.5 mg/ml BSA, and 0.02% sodium azide
Host:	Rabbit
Applications:	Immunohistochemistry (IHC) and Western blot (WB); the recommended starting dilution is 1:40 and 1:200, respectively. Other applications were not attempted and therefore optimal working dilutions should be determined empirically.

Images



Lane 1: LTA₄ Hydrolase Standard (0.005 µg)
Lane 2: LTA₄ Hydrolase Standard (0.01 µg)
Lane 3: LTA₄ Hydrolase Standard (0.02 µg)
Lane 4: Raji cell lysate (50 µg)



Immunohistochemistry analysis of formalin-fixed, paraffin-embedded (FFPE) human liver tissue after heat induced antigen retrieval in pH 6.0 citrate buffer. After incubation with Leukotriene A₄ hydrolase Polyclonal Antibody (Item No. 160250) at a 1:40 dilution, slides were incubated with biotinylated secondary antibody, followed by alkaline phosphatase-streptavidin and chromogen (DAB).

WARNING
THIS PRODUCT IS FOR RESEARCH ONLY - NOT FOR HUMAN OR VETERINARY DIAGNOSTIC OR THERAPEUTIC USE.

SAFETY DATA
This material should be considered hazardous until further information becomes available. Do not ingest, inhale, get in eyes, on skin, or on clothing. Wash thoroughly after handling. Before use, the user must review the complete Safety Data Sheet, which has been sent via email to your institution.

WARRANTY AND LIMITATION OF REMEDY
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PRODUCT INFORMATION



Description

Leukotriene A₄ (LTA₄) hydrolase has been cloned from a variety of species including human, rat, and guinea pig.^{1,3-5} These species exhibit ~90% homology at the amino acid level. Human LTA₄ hydrolase has a calculated molecular mass of 69 kDa based on the deduced amino acid sequence.^{1,3}

References

1. Funk, C.D., Rådmark, O., Fu, J.Y., *et al.* Molecular cloning and amino acid sequence of leukotriene A₄ hydrolase. *Proc. Natl. Acad. Sci. USA* **84**, 6677-6681 (1987).
2. Mancini, J.A. and Evans, J.F. Cloning and characterization of the human leukotriene A₄ hydrolase gene. *Eur. J. Biochem.* **231**, 65-71 (1995).
3. Minami, M., Ohno, S., Kawasaki, H., *et al.* Molecular cloning of a cDNA coding for human leukotriene A₄ hydrolase. Complete primary structure of an enzyme involved in eicosanoid synthesis. *J. Biol. Chem.* **262**, 13873-13876 (1987).
4. Makita, N., Funk, C.D., Imai, E., *et al.* Molecular cloning and functional expression of rat leukotriene A₄ hydrolase using the polymerase chain reaction. *FEBS Lett.* **299**, 273-277 (1992).
5. Minami, M., Mutoh, H., Ohishi, N., *et al.* Amino-acid sequence and tissue distribution of guinea-pig leukotriene A₄ hydrolase. *Gene* **161**, 249-251 (1995).

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