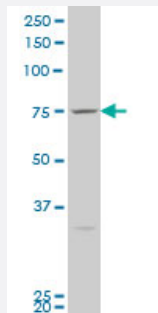


ALOX12 polyclonal antibody (A01)

Catalog # H00000239-A01

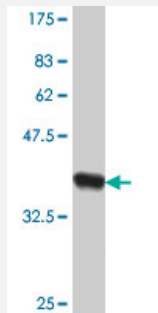
Size 50 uL

Applications



Western Blot (Cell lysate)

ALOX12 polyclonal antibody (A01), Lot # 051214JC01 Western Blot analysis of ALOX12 expression in HepG2 (Cat # L019V1).



Western Blot detection against Immunogen (37.11 KDa) .

Specification

Product Description	Mouse polyclonal antibody raised against a partial recombinant ALOX12.
Immunogen	ALOX12 (NP_000688, 564 a.a. ~ 663 a.a) partial recombinant protein with GST tag.
Sequence	PPPTTKEDVTMATVMGSLPDVRQACLQMAISWHLSSRRQPDMVPLGHHKEKYFSGPKPKAVLNQ FRTDLEKLEKEITARNEQLDWPYEYLPKSCIENSVTI
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (79)

Quality Control Testing

Antibody Reactive Against Recombinant Protein.
Western Blot detection against Immunogen (37.11 KDa) .

Storage Buffer

50 % glycerol

Storage Instruction

Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Cell lysate)

ALOX12 polyclonal antibody (A01), Lot # 051214JC01 Western Blot analysis of ALOX12 expression in HepG2 (Cat # L019V1).

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- ELISA

Gene Info — ALOX12

Entrez GeneID

[239](#)

GeneBank Accession#

[NM_000697](#)

Protein Accession#

[NP_000688](#)

Gene Name

ALOX12

Gene Alias

12-LOX, 12S-LOX, LOG12

Gene Description

arachidonate 12-lipoxygenase

Omim ID

[152391](#)

Gene Ontology

[Hyperlink](#)

Other Designations

12(S)-lipoxygenase|platelet-type 12-lipoxygenase

Publication Reference

- [Systematic analysis of rat 12/15-lipoxygenase enzymes reveals critical role for spinal eLOX3 hepoxilin synthase activity in inflammatory hyperalgesia.](#)

Gregus AM, Dumlao DS, Wei SC, Norris PC, Catella LC, Meyerstein FG, Buczynski MW, Steinauer JJ, Fitzsimmons BL, Yaksh TL, Dennis EA.

The FASEB Journal 2013 May; 27(5):1939.

Application: WB, Rat, rat spinal cord

Pathway

- [Arachidonic acid metabolism](#)
- [Metabolic pathways](#)

Disease

- [Adenocarcinoma](#)
- [Adenoma](#)
- [Albuminuria](#)
- [Alzheimer disease](#)
- [Asthma](#)
- [Atherosclerosis](#)
- [Bipolar Disorder](#)
- [Birth Weight](#)
- [Brain Ischemia](#)
- [Calcinosis](#)
- [Carcinoma](#)
- [Cardiovascular Diseases](#)
- [Colon cancer](#)
- [Colonic Neoplasms](#)
- [Colorectal Neoplasms](#)

- [Coronary Artery Disease](#)
- [Diabetes Complications](#)
- [Diabetes Mellitus](#)
- [Drug Hypersensitivity](#)
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- [Stroke](#)
- [Urinary Bladder Neoplasms](#)
- [Werner syndrome](#)