

Anti-ALOX15 antibody (1-230) (STJ28944)

GENERAL INFORMATION

Product Type	Primary antibodies
Applications	WB/IHC-P/IF/ICC/ELISA
Host / Source	Rabbit
Reactivity	Human/Mouse/Rat

PRODUCT PROPERTIES

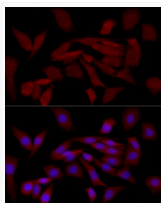
Clonality	Polyclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:500-1:1000 IHC-P:1:50-1:200 IF/ICC:1:50-1:200 ELISA:Recommended starting concentration is 1 Mu g/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.09% Sodium Azide, 50% Glycerol, pH7.3.
Isotype	IgG
Molecular Weight	Protein Mw: 75kDa Observed Mw: 75kDa
Storage Instruction	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

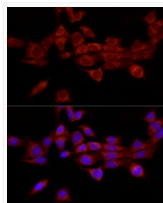
Gene ID	246
Gene Symbol	ALOX15
UniProt ID	LOX15_HUMAN
Immunogen Region	1-230
Immunogen Sequence	MGLYRIRVSTGASLYAGSNN QVQLWLVGQHGEAALGKRLW PARGKETELKVEVPEYLGPL LFVKLRKRHLLKDDAWFCNW ISVQGPAGAGDEVRFPCYRWV EGNGLVSLPEGTGRTVGEDP QGLFQKHREEELEERRKLYR WGNWKDGLILNMAGAKLYDL PVDERFLEDKRVDFEVSLAK GLADLAIKDSLNLVLTCKWDL DDFNRIFWCGQSKLAERVRD SWKEDALFGY
Specificity	Recombinant fusion protein containing a sequence corresponding to amino acids 1-230 of human ALOX15 (NP_001131.3).

ADDITIONAL INFORMATION

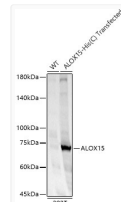
Note STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.



Immunofluorescence analysis of PC-12 cells using ALOX15 Rabbit polyclonal antibody (STJ28944) at dilution of 1:50 (40x lens). Secondary antibody: Cy3 Goat Anti-Rabbit IgG (H+L) at 1:500 dilution. Blue: DAPI for nuclear staining.



Immunofluorescence analysis of NIH/3T3 cells using ALOX15 Rabbit polyclonal antibody (STJ28944) at dilution of 1:50 (40x lens). Secondary antibody: Cy3 Goat Anti-Rabbit IgG (H+L) at 1:500 dilution. Blue: DAPI for nuclear staining.



Western blot analysis of lysates from wild type (WT) and 293T cells transfected with ALOX15 using ALOX15 Rabbit polyclonal antibody (STJ28944) at 1:1000 dilution. Secondary antibody:HRP Goat Anti-Rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25 Mu g per lane. Blocking buffer: 3 % nonfat dry milk in TBST. Detection:ECL Basic Kit. Exposure time: 10s.