

OXER1 Antibody

Rabbit Polyclonal Antibody Catalog # ALS14693

Specification

OXER1 Antibody - Product Information

Application
Primary Accession
Reactivity
Host
Clonality
Calculated MW

WB, IHC
O8TDS5
Human, Mouse, Rat, Pig
Rabbit
Polyclonal
46kDa KDa

OXER1 Antibody - Additional Information

Gene ID 165140

Other Names

Oxoeicosanoid receptor 1, 5-oxo-ETE G-protein coupled receptor, G-protein coupled receptor 170, G-protein coupled receptor R527, G-protein coupled receptor TG1019, OXER1, GPR170, TG1019

Target/Specificity

The high expression level of the receptor in leukocytes makes it the best positive control sample. When probing other tissue samples such as liver and kidney, membrane preparations or higher sensitivity detection systems may be required for visualiza ...

Reconstitution & Storage

Short term 4°C, long term aliquot and store at -20°C, avoid freeze thaw cycles.

Precautions

OXER1 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

OXER1 Antibody - Protein Information

Name OXER1

Synonyms GPR170, TG1019

Function

Receptor for eicosanoids and polyunsaturated fatty acids such as 5-oxo-6E,8Z,11Z,14Z-eicosatetraenoic acid (5-OXO-ETE), 5(S)-

hydroperoxy-6E,8Z,11Z,14Z-eicosatetraenoic acid (5(S)-HPETE) and arachidonic acid. Seems to be coupled to the G(i)/G(o), families of heteromeric G proteins.

Cellular Location

Membrane; Multi-pass membrane protein

Tissue Location



Expressed in various tissues except brain. Expression is more intense in liver, kidney, peripheral leukocyte, lung, and spleen than in other tissues. Highly expressed in eosinophils, neutrophils, and lung macrophages

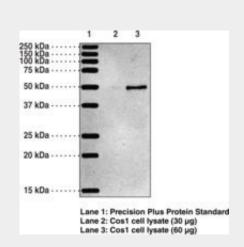
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OXER1 Antibody - Protocols

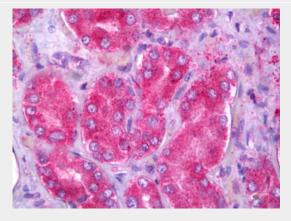
Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- <u>Immunohistochemistry</u>
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

OXER1 Antibody - Images

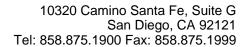


Western blot of OXER1 antibody ALS14693.



Anti-OXER1 antibody IHC of human kidney.

OXER1 Antibody - Background





Receptor for eicosanoids and polyunsaturated fatty acids such as 5-oxo-6E,8Z,11Z,14Z-eicosatetraenoic acid (5-OXO-ETE), 5(S)-hydroperoxy-6E,8Z,11Z,14Z-eicosatetraenoic acid (5(S)-HPETE) and arachidonic acid. Seems to be coupled to the G(i)/G(o), families of heteromeric G proteins.

OXER1 Antibody - References

Hosoi T.,et al.J. Biol. Chem. 277:31459-31465(2002). Jones C.E.,et al.Mol. Pharmacol. 63:471-477(2003). Suwa M.,et al.Submitted (JUL-2001) to the EMBL/GenBank/DDBJ databases. Takeda S.,et al.FEBS Lett. 520:97-101(2002). Hillier L.W.,et al.Nature 434:724-731(2005).