

**OXER1 Antibody (C-Terminus)**  
**Rabbit Polyclonal Antibody**  
**Catalog # ALS10535**

**Specification**

**OXER1 Antibody (C-Terminus) - Product Information**

|                   |                        |
|-------------------|------------------------|
| Application       | IHC                    |
| Primary Accession | <a href="#">Q8TDS5</a> |
| Reactivity        | Human                  |
| Host              | Rabbit                 |
| Clonality         | Polyclonal             |
| Calculated MW     | 46kDa KDa              |

**OXER1 Antibody (C-Terminus) - 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**

Human OXER1. BLAST analysis of the peptide immunogen showed no homology with other human proteins, except MLEC (61%).

**Reconstitution & Storage**

Long term: -70°C; Short term: +4°C

**Precautions**

OXER1 Antibody (C-Terminus) is for research use only and not for use in diagnostic or therapeutic procedures.

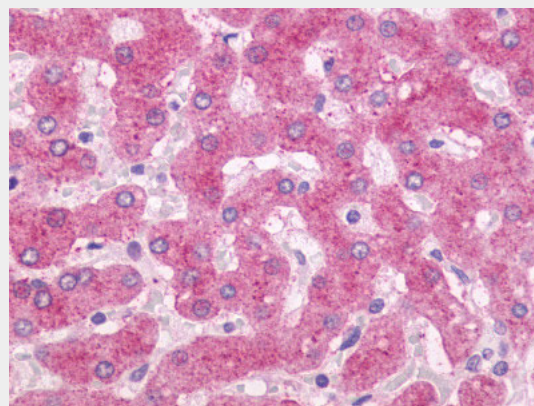
**OXER1 Antibody (C-Terminus) - Protein Information**

**Name** OXER1

**Synonyms** GPR170, TG1019

**Function**

Receptor for eicosanoids and polyunsaturated fatty acids such as



Anti-OXER1 antibody ALS10535 IHC of human liver.

**OXER1 Antibody (C-Terminus) - 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 (C-Terminus) - 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).

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**

Cell 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

**Volume**

50 µl

**OXER1 Antibody (C-Terminus) - Protocols**

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

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)