

OXER1 (aa389-400) Antibody (C-Term)
Peptide-affinity purified goat antibody
Catalog # AF3532a**Specification**

OXER1 (aa389-400) Antibody (C-Term) - Product Information

Application	WB
Primary Accession	Q8TDS5
Other Accession	NP_683765.1 , 165140
Reactivity	Human
Host	Goat
Clonality	Polyclonal
Concentration	0.5 mg/ml
Isotype	IgG
Calculated MW	41426

OXER1 (aa389-400) Antibody (C-Term) - 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

Format

0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

OXER1 (aa389-400) Antibody (C-Term) is for research use only and not for use in diagnostic or therapeutic procedures.

OXER1 (aa389-400) Antibody (C-Term) - 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

OXER1 (aa389-400) Antibody (C-Term) - 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](#)

OXER1 (aa389-400) Antibody (C-Term) - Images

AF3532a (1 µg/ml) staining of Human Lung lysate (35 µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

OXER1 (aa389-400) Antibody (C-Term) - References

Identification of a novel human eicosanoid receptor coupled to G(i/o). Hosoi T, Koguchi Y, Sugikawa E, Chikada A, Ogawa K, Tsuda N, Suto N, Tsunoda S, Taniguchi T, Ohnuki T. J Biol Chem. 2002 Aug 30;277(35):31459-65. PMID: 12065583