ELK Biotechnology

TG1019 rabbit pAb

Cat No.:ES3591

For research use only

Overview

Product Name	TG1019 rabbit pAb
Host species	Rabbit
Applications	WB;IHC;IF;ELISA
Species Cross-Reactivity	Human;Rat;Mouse;
Recommended dilutions	Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. Immunofluorescence: 1/200 - 1/1000. ELISA: 1/10000. Not yet tested in other applications.
Immunogen	The antiserum was produced against synthesized peptide derived from human OXER1. AA range:212-261
Specificity	TG1019 Polyclonal Antibody detects endogenous levels of TG1019 protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.
Protein Name	Oxoeicosanoid receptor 1
Gene Name	OXER1
Cellular localization	Cell membrane; Multi-pass membrane protein.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal
Concentration	1 mg/ml
Observed band	46kD
Human Gene ID	165140
Human Swiss-Prot Number	Q8TDS5
Alternative Names	OXER1; GPR170; TG1019; 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
Background	function:Receptor for eicosanoids and polyunsaturated fatty acids such as

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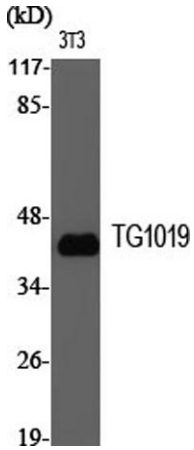
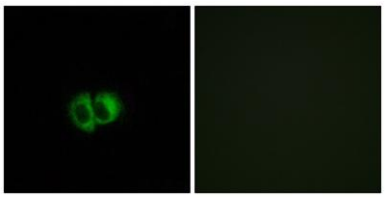
5-oxo-6E,8Z,11Z,14Z-eicosatetraenoic acid (5-OXO-ETE), 5(S)-hydroperoxy-6E,8Z,11Z,14Z-eicosatetraenoic acid (5(S)-HPETE) and arachidonic acid. Seems to be coupled to the G(i)/G(o), families of heteromeric G proteins.,similarity:Belongs to the G-protein coupled receptor 1 family.,tissue specificity:Expressed 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.,



Western Blot analysis of various cells using TG1019 Polyclonal Antibody

Immunofluorescence analysis of MCF7 cells, using OXER1 Antibody. The picture on the right is blocked with the synthesized peptide.



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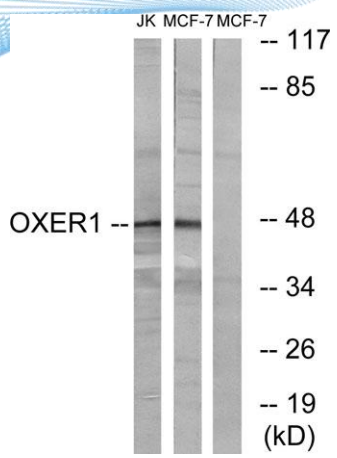
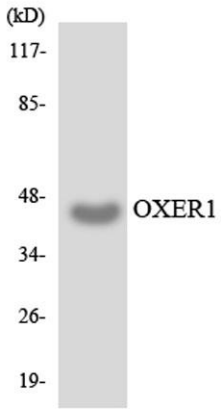


Western blot analysis of lysates from MCF-7 and Jurkat cells, using OXER1 Antibody. The lane on the right is blocked with the synthesized peptide.



Western blot analysis of the lysates from HUVECcells using OXER1 antibody.