

TG1019 Polyclonal Antibody

Catalog No :	YT4624
Reactivity :	Human;Rat;Mouse;
Applications :	WB;IHC;IF;ELISA
Target :	TG1019
Gene Name :	OXER1
Protein Name :	Oxoeicosanoid receptor 1
Human Gene Id :	165140
Human Swiss Prot No :	Q8TDS5
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.
Source :	Polyclonal, Rabbit,IgG
Dilution :	WB 1:500 - 1:2000. IHC 1:100 - 1:300. IF 1:200 - 1:1000. ELISA: 1:10000. Not yet tested in other applications.
Purification :	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Concentration :	1 mg/ml
Storage Stability :	-15°C to -25°C/1 year(Do not lower than -25°C)
Observed Band :	46kD
Background :	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.,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.,

Function :

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.,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.,

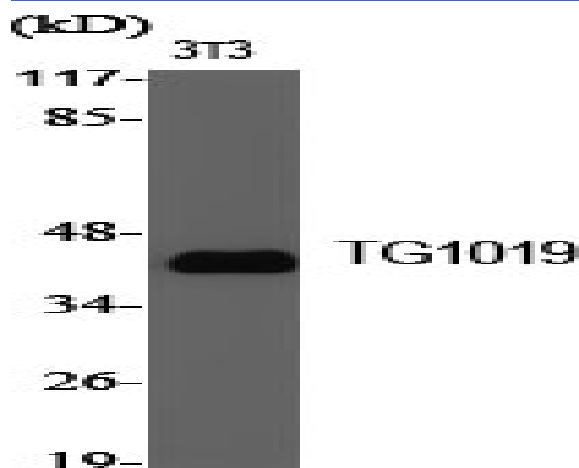
Subcellular Location :

Cell membrane; Multi-pass membrane protein.

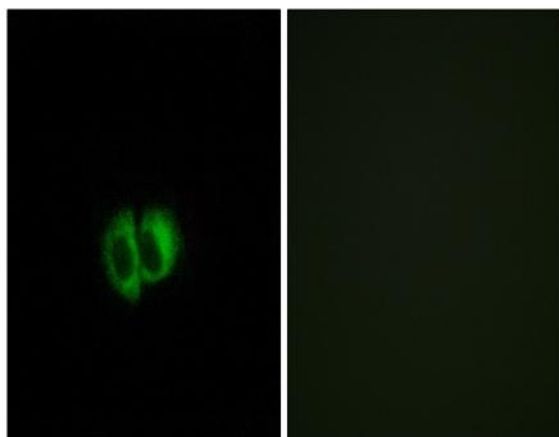
Expression :

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.

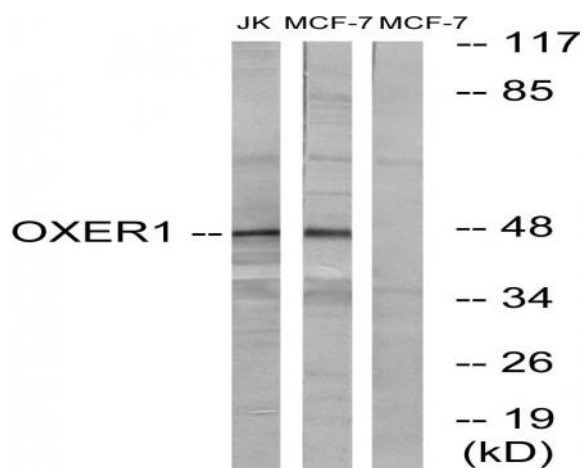
Products Images



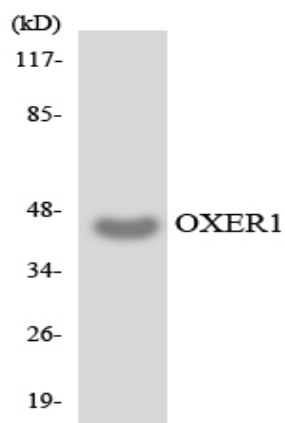
Western Blot analysis of various cells using TG1019 Polyclonal Antibody



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



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 HUVEC cells using OXER1 antibody.