

### **OX2R Polyclonal Antibody**

**Catalog # AP71661** 

### **Specification**

### **OX2R Polyclonal Antibody - Product Information**

Application WB
Primary Accession Q8TD46
Reactivity Human
Host Rabbit
Clonality Polyclonal

# **OX2R Polyclonal Antibody - Additional Information**

#### Gene ID 131450

#### **Other Names**

CD200R1; CD200R; CRTR2; MOX2R; OX2R; Cell surface glycoprotein CD200 receptor 1; CD200 cell surface glycoprotein receptor; Cell surface glycoprotein OX2 receptor 1

#### Dilution

WB~~Western Blot: 1/500 - 1/2000. ELISA: 1/40000. Not yet tested in other applications.

### **Format**

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.

# **Storage Conditions**

-20°C

### **OX2R Polyclonal Antibody - Protein Information**

### Name CD200R1

Synonyms CD200R, CRTR2, MOX2R, OX2R

#### **Function**

Inhibitory receptor for the CD200/OX2 cell surface glycoprotein. Limits inflammation by inhibiting the expression of pro- inflammatory molecules including TNF-alpha, interferons, and inducible nitric oxide synthase (iNOS) in response to selected stimuli. Also binds to HHV-8 K14 viral CD200 homolog with identical affinity and kinetics as the host CD200.

#### **Cellular Location**

[Isoform 1]: Cell membrane; Single-pass type I membrane protein [Isoform 2]: Secreted.

#### **Tissue Location**

Expressed in granulocytes, monocytes, most T-cells, neutrophils, basophils and a subset of NK, NKT and B-cells (at protein level). Expressed in bone marrow, lymph nodes, spleen, lung, liver, spinal cord, kidney. Expressed in monocyte-derived dendritic and mast cells.

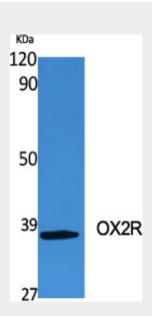


# **OX2R Polyclonal Antibody - Protocols**

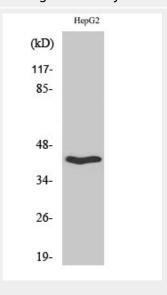
Provided below are standard protocols that you may find useful for product applications.

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

# **OX2R Polyclonal Antibody - Images**



Western Blot analysis of various cells using OX2R Polyclonal Antibody



Western Blot analysis of HepG2 cells using OX2R Polyclonal Antibody

# **OX2R Polyclonal Antibody - Background**





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Inhibitory receptor for the CD200/OX2 cell surface glycoprotein. Limits inflammation by inhibiting the expression of proinflammatory molecules including TNF-alpha, interferons, and inducible nitric oxide synthase (iNOS) in response to selected stimuli. Also binds to HHV-8 K14 viral CD200 homolog with identical affinity and kinetics as the host CD200.