

# OX2R Polyclonal Antibody

Catalog # AP71661

## Product Information

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<b>Application</b>	WB, E
<b>Primary Accession</b>	<a href="#">Q8TD46</a>
<b>Reactivity</b>	Human, Rat, Mouse
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>Calculated MW</b>	39041

## Additional Information

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<b>Gene ID</b>	131450
<b>Other Names</b>	CD200R1; CD200R; CRTR2; MOX2R; OX2R; Cell surface glycoprotein CD200 receptor 1; CD200 cell surface glycoprotein receptor; Cell surface glycoprotein OX2 receptor 1
<b>Dilution</b>	WB~~Western Blot: 1/500 - 1/2000. ELISA: 1/40000. Not yet tested in other applications. E~~N/A
<b>Format</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.
<b>Storage Conditions</b>	-20°C

## Protein Information

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<b>Name</b>	CD200R1
<b>Synonyms</b>	CD200R, CRTR2, MOX2R, OX2R
<b>Function</b>	Inhibitory receptor for the CD200/OX2 cell surface glycoprotein. Limits inflammation by inhibiting the expression of pro- inflammatory molecules including TNF, 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.
<b>Cellular Location</b>	[Isoform 1]: Cell membrane; Single-pass type I membrane protein [Isoform 2]: Secreted.
<b>Tissue Location</b>	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.

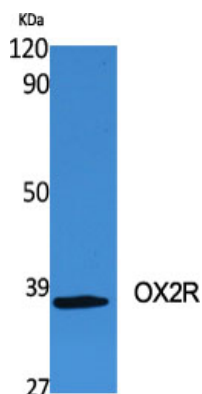
## Background

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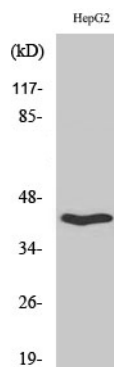
Inhibitory receptor for the CD200/OX2 cell surface glycoprotein. Limits inflammation by inhibiting the expression of proinflammatory molecules including TNF-alpha, interferons, and inducible nitric oxide synthase (iNOS) in response to selected stimuli. Also binds to HHV-8 K14 viral CD200 homolog with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

## Images

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Western Blot analysis of various cells using OX2R Polyclonal Antibody



Western Blot analysis of HepG2 cells using OX2R Polyclonal Antibody

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.