OX2R rabbit pAb

Cat#: orb765964 (Manual)

For research use only. Not intended for diagnostic use.

Product Name	OX2R rabbit pAb
Host species	Rabbit
Applications	WB;ELISA
Species Cross-Reactivity	Human;Rat;Mouse;
Recommended dilutions	Western Blot: 1/500 - 1/2000. ELISA: 1/40000. Not yet tested in other applications.
Immunogen	The antiserum was produced against synthesized peptide derived from human MOX2R. AA range:241-290
Specificity	OX2R Polyclonal Antibody detects endogenous levels of OX2R 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	Cell surface glycoprotein CD200 receptor 1
Gene Name	CD200R1
Cellular localization	[Isoform 1]: Cell membrane; Single-pass type I membrane protein.; [Isoform 4]: Cell membrane; Single-pass type I membrane protein.; [Isoform 2]: Secreted.; [Isoform 3]: Secreted.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

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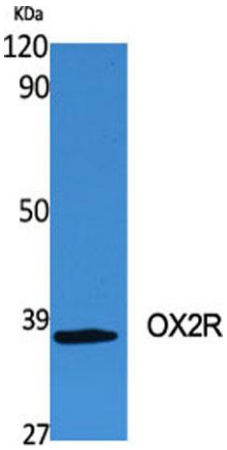
Clonality	Polyclonal
Concentration	1 mg/ml
Observed band	37kD
Human Gene ID	131450
Human Swiss-Prot Number	Q8TD46
Alternative Names	CD200R1; CD200R; CRTR2; MOX2R; OX2R; Cell surface glycoprotein CD200 receptor 1; CD200 cell surface glycoprotein receptor; Cell surface glycoprotein OX2 receptor 1
Background	This gene encodes a receptor for the OX-2 membrane glycoprotein. Both the receptor and substrate are cell surface glycoproteins containing two immunoglobulin-like domains. This receptor is restricted to the surfaces of myeloid lineage cells and the receptor-substrate interaction may function as a myeloid downregulatory signal. Mouse studies of a related gene suggest that this interaction may control myeloid function in a tissue-specific manner. Alternative splicing of this gene results in multiple transcript variants. [provided by RefSeq, Jul 2008],



Western Blot analysis of K562 cells using OX2R Polyclonal Antibody

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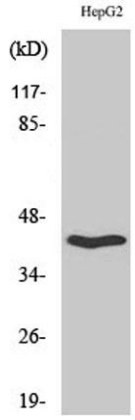
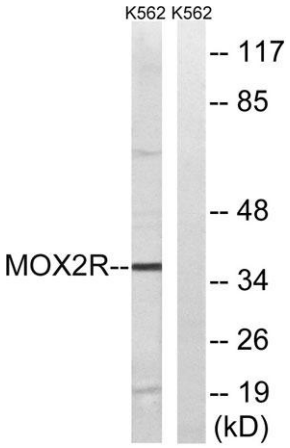


Western Blot analysis of HepG2 cells using OX2R Polyclonal Antibody



Western blot analysis of lysates from K562 cells, using MOX2R Antibody. The lane on the right is blocked with the synthesized peptide.

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