

## Product Datasheet

### eNOS Rabbit Polyclonal Antibody (orb1294362)

<b>Catalog Number</b>	orb1294362
<b>Category</b>	Antibodies
<b>Description</b>	Rabbit polyclonal antibody to eNOS
<b>Target</b>	eNOS / NOS3
<b>Clonality</b>	Polyclonal
<b>Species/Host</b>	Rabbit
<b>Isotype</b>	Rabbit-IgG
<b>Conjugation</b>	Unconjugated
<b>Reactivity</b>	Human, Mouse, Rat
<b>Buffer/Preservatives</b>	100mM Tris Glycine, 20% Glycerol (pH7). 0.025% ProClin 300 was added as a preservative
<b>Immunogen</b>	Synthetic peptide / encompassing a sequence within the center region
<b>Tested applications</b>	IF, IHC, WB
<b>Dilution range</b>	Western Blot 1:1000-1:2000, Immunofluorescence 1:200-1:400, Immunohistochemistry (Paraffin) 1: 100-1:300, Immunohistochemistry (Frozen) 1:100-1:200
<b>Antibody Type</b>	Primary Antibody
<b>Storage</b>	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
<b>Note</b>	For research use only

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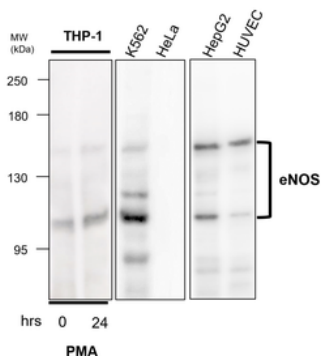
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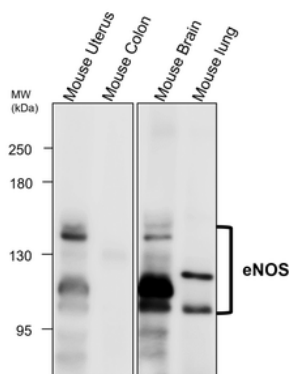
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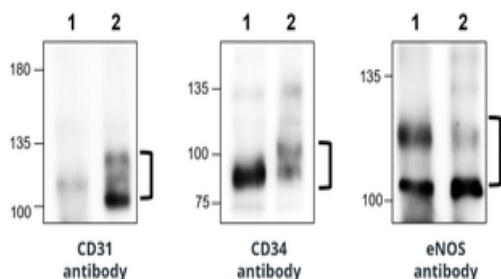
**Expiration Date** 12 months from date of receipt.



All lanes: anti-eNOS / NOS3 antibody - at 1/1000 dilution, Lysates/proteins at 40 µg per lane. This blot was produced using a 5% SDS-PAGE. The gel was run at 140V for 50 minutes before being transferred onto a Nitrocellulose membrane at 18V for 60 minutes. The membrane was then blocked an hour before being incubated with orb1294362 overnight at 4°C.



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Lane 1 : Human umbilicalis  
Lane 2 : Human placenta

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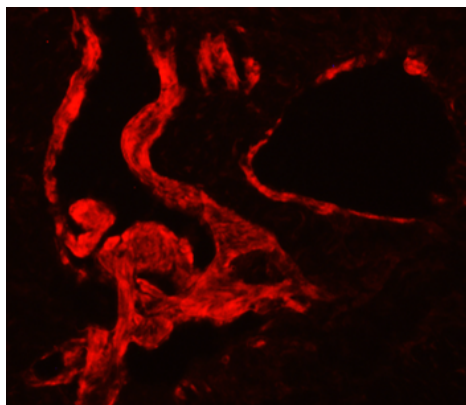
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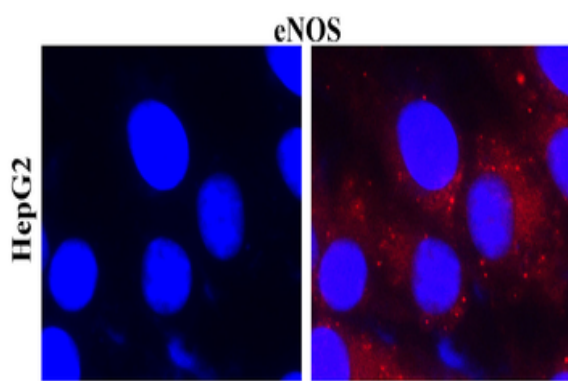
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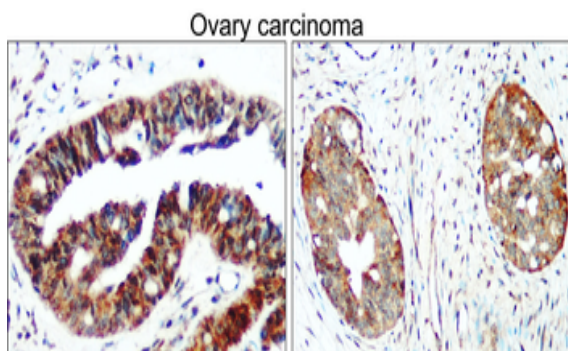
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Frozen sectioned for immunohistochemical analysis. Sample: Frozen section. Red: eNOS / NOS3 antibody. Catalog: orb1294362 at 1-100.



Immunofluorescence: cells were fixed with 4% paraformaldehyde for 10 min at RT, permeabilized with 0.1% NP-40 for 10 min at RT then blocked with 5% BSA for 30 min at room temperature. Cells were stained with orb1294362 anti-eNOS/ NOS3 antibody (red) at 1:200 and 4°C. DAPI (blue) was used as the nuclear counter stain.



Immunohistochemical analysis of paraffin embedded Human cancer tissue labeling eNOS with orb1294362 at 1/200.

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