

## Product Datasheet

### SOD2 Rabbit Polyclonal Antibody (orb631400)

<b>Catalog Number</b>	orb631400
<b>Category</b>	Antibodies
<b>Description</b>	Rabbit polyclonal antibody to SOD2
<b>Target</b>	SOD2
<b>Clonality</b>	Polyclonal
<b>Species/Host</b>	Rabbit
<b>Isotype</b>	IgG
<b>Conjugation</b>	Unconjugated
<b>Reactivity</b>	Human, Mouse, Rat
<b>Form/Appearance</b>	liquid
<b>Purity</b>	≥95% as determined by SDS-PAGE
<b>Purification</b>	Immunogen affinity purified
<b>Immunogen</b>	superoxide dismutase 2, mitochondrial
<b>UniProt ID</b>	<b>P04179</b>
<b>MW</b>	16 kDa
<b>Tested applications</b>	ELISA, IF, IHC, IP, WB
<b>Dilution range</b>	WB: 1:500-1:5000; IP: 1:500-1:5000; IHC: 1:100-1:400; IF: 1:20-1:200
<b>Antibody Type</b>	Primary Antibody

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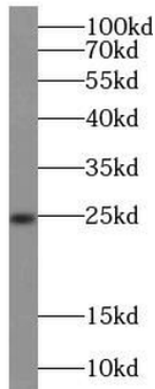
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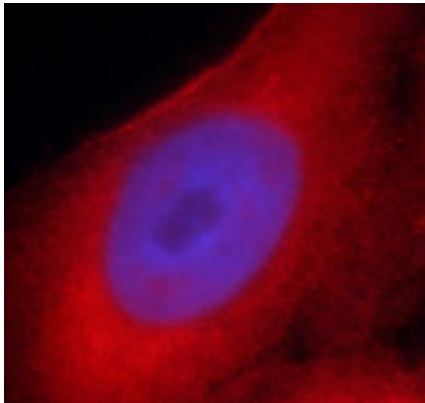
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<b>Storage</b>	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
<b>Note</b>	For research use only
<b>Expiration Date</b>	12 months from date of receipt.



HeLa cells were subjected to SDS PAGE followed by western blot with orb631400 (SOD2 antibody) at dilution of 1:1000.



Immunofluorescent analysis of HeLa cells using orb631400 (SOD2 antibody) at dilution of 1:50 and Rhodamine-Goat anti-Rabbit IgG.

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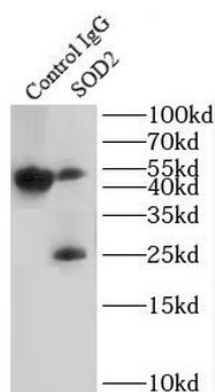
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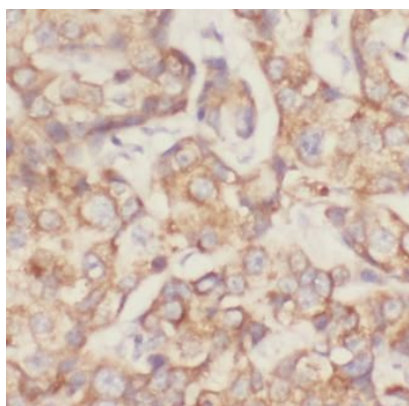
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IP Result of anti-SOD2 (IP: orb631400, 4 ug; Detection: orb631400 1:1000) with mouse brain tissue lysate 4000 ug.



Immunohistochemistry of paraffin-embedded human breast cancer tissue slide using orb631400 (SOD2 Antibody) at dilution of 1:200 heat mediated antigen retrieved with Tris-EDTA buffer (pH9).

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