

## Product Datasheet

# SUN2 Recombinant Rabbit Monoclonal Antibody (orb1499408)

<b>Catalog Number</b>	orb1499408
<b>Category</b>	Antibodies
<b>Description</b>	SUN2 Recombinant Rabbit Monoclonal Antibody
<b>Target</b>	SUN2
<b>Clonality</b>	Recombinant
<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>Concentration</b>	1mg/ml
<b>Buffer/Preservatives</b>	0.01M TBS (pH7.4) with 1% rAlbumin, 0.02% Proclin300 and 50% Glycerol.
<b>Purification</b>	Affinity purified by Protein A
<b>Immunogen</b>	Recombinant protein within human SUN2 aa 500-700.
<b>MW</b>	80 kDa
<b>Tested applications</b>	ICC, IF, IHC-Fr, IHC-P, WB

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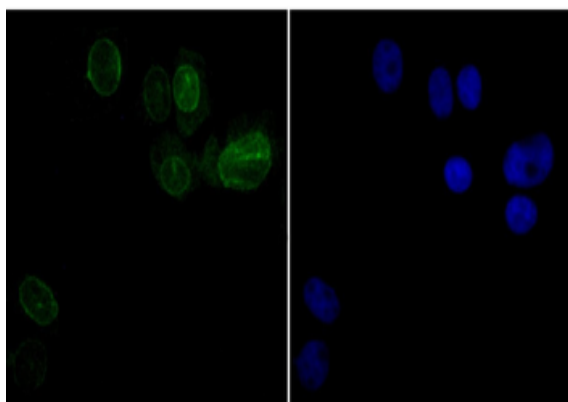
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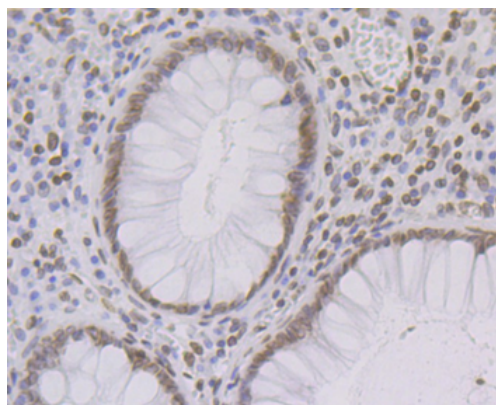
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<b>Dilution range</b>	WB=1:500-2000, IHC-P=1:50-200, IHC-F=1:50-200, ICC/IF=1:50-200, IF=1:50-200
<b>Antibody Type</b>	Primary Antibody
<b>Storage</b>	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
<b>Note</b>	For research use only
<b>Expiration Date</b>	12 months from date of receipt.



ICC staining SUN2 (green) in SK-Br-3 cells. The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



Immunohistochemical analysis of paraffin-embedded human colon tissue using anti-SUN2 antibody. Counter stained with hematoxylin.

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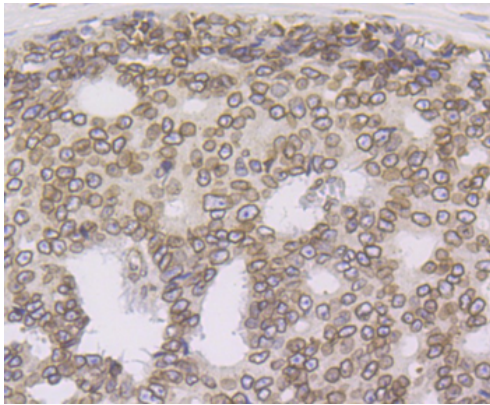
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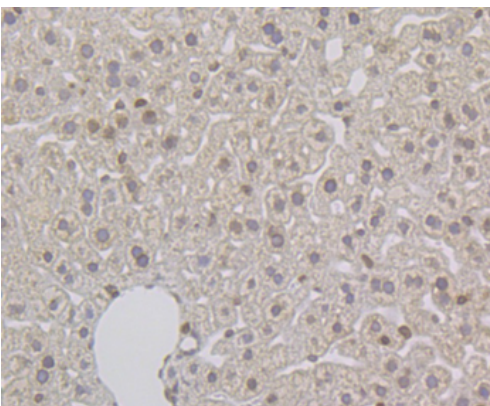
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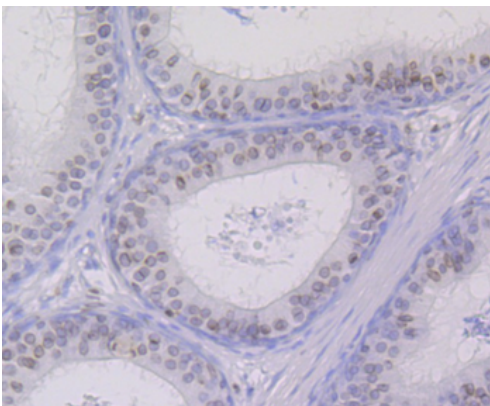
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Immunohistochemical analysis of paraffin-embedded human prostate cancer tissue using anti-SUN2 antibody. Counter stained with hematoxylin.



Immunohistochemical analysis of paraffin-embedded mouse liver tissue using anti-SUN2 antibody. Counter stained with hematoxylin.



Immunohistochemical analysis of paraffin-embedded rat epididymis tissue using anti-SUN2 antibody. Counter stained with hematoxylin.

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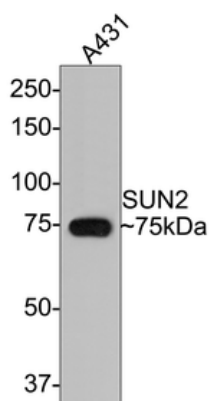
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Western blot analysis of SUN2 on A431 cell lysates with Rabbit anti-SUN2 antibody (orb1499408) at 1/500 dilution.

Lysates/proteins at 10 µg/Lane. Predicted band size: 80 kDa, Observed band size: 75 kDa, Exposure time: 2 minutes, 8% SDS-PAGE gel. Proteins were transferred to a PVDF membrane and blocked with 5% NFDM/TBST for 1 hour at room temperature. The primary antibody (orb1499408) at 1/500 dilution was used in 5% NFDM/TBST at room temperature for 2 hours. Goat Anti-Rabbit IgG - HRP Secondary Antibody at 1:300000 dilution was used for 1 hour at room temperature.

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