

Product Datasheet

Elastin Rabbit Polyclonal Antibody (orb312227)

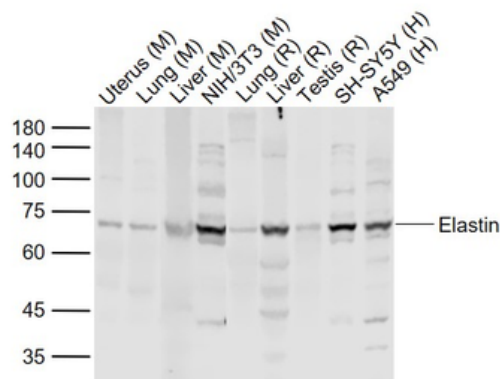
Description	Elastin Rabbit Polyclonal Antibody
Species/Host	Rabbit
Reactivity	Human, Mouse, Rat
Conjugation	Unconjugated
Tested Applications	FC, IF, IHC-Fr, IHC-P, WB
Immunogen	KLH conjugated synthetic peptide derived from human Elastin (681-786/786aa)
Target	ELN
Preservatives	0.01M TBS (pH7.4) with 1% rAlbumin, 0.02% Proclin300 and 50% Glycerol.
Form/Appearance	Liquid
Concentration	1mg/ml
Storage	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.
Note	For research use only
Isotype	IgG
Clonality	Polyclonal
MW	68 kDa
Uniprot ID	P15502
Dilution Range	WB=1:500-2000, IHC-P=1:100-500, IHC-F=1:100-500, IF=1:100-500, Flow-Cyt=1µg /test
Expiration Date	12 months from date of receipt.

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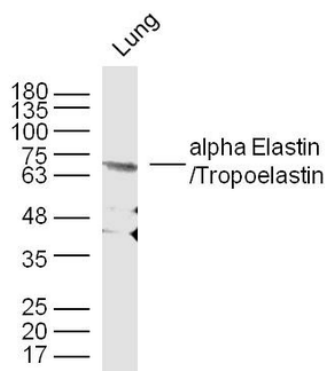
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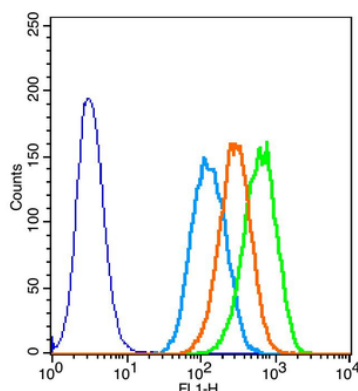
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Sample: Lane 1: Uterus (Mouse) Lysate at 40 ug, Lane 2: Lung (Mouse) Lysate at 40 ug, Lane 3: Liver (Mouse) Lysate at 40 ug, Lane 4: NIH/3T3 (Mouse) Cell Lysate at 30 ug, Lane 5: Lung (Rat) Lysate at 40 ug, Lane 6: Liver (Rat) Lysate at 40 ug, Lane 7: Testis (Rat) Lysate at 40 ug, Lane 8: SH-SY5Y (Human) Cell Lysate at 30 ug, Lane 9: A549 (Human) Cell Lysate at 30 ug, Primary: Anti-Elastin (orb312227) at 1/1000 dilution, Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution, Predicted band size: 66 kD, Observed band size: 68 kD.



Sample: Lung (Mouse) Lysate at 30 ug, Primary: Anti-alpha Elastin/Tropoelastin (orb312227) at 1/300 dilution, Secondary: IRDye800CW Goat Anti-Mouse IgG at 1/10000 dilution, Predicted band size: 70 kD, Observed band size: 68 kD.



The figure annotation: The blue histogram is unstained cells. The green histogram is cells stained with Rabbit Anti-alpha Elastin/Tropoelastin antibody (orb312227) plus secondary antibody. Controls: Positive control: A549 cells. Isotype control: Cell lines treated with rabbit IgG (orb570250) instead of the primary antibody to confirm that primary antibody binding is specific. Secondary only control: Both cell lines treated with Goat Anti-rabbit IgG/FITC antibody (orb868805) to confirm no background signal produced from secondary antibody alone. 1 ug in 100 ul 1X PBS containing 0.5% BSA.

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