

Product datasheet for **BP8022**

Eln Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	ELISA, IF, IHC, R, WB
Recommended Dilution:	RadiImmunoAssay. Immunofluorescence: 1/40. ELISA: ≥ 1/200. Immunoblotting (Western blot). Immunohistochemistry on Frozen Sections. Immunohistochemistry on Paraffin Sections: 1/500 (immunoperoxidase, Streptavidin/Biotin, ABC). <i>Incubation time:</i> 60 min at RT or 2-8°C overnight. <i>Pretreatment:</i> After de-waxing the tissue slices are treated with 0.2% hyaluronidase (app. 300 U/mg) in TBS 15 min at 37°C. Thereafter non-specific binding is blocked by blocking serum or 3% BSA in TBS. For peroxidase systems blocking with 1% peroxide solution in TBS for 30 min at RT is recommended. <i>Positive Control:</i> Rat skin or aorta.
Reactivity:	Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	Purified Elastin from Rat Aorta.
Specificity:	Rat Elastin 100% Rat Collagen type I, II, III and V < 0.1% (RIA at 1/500 dilution).
Formulation:	PBS without preservatives or stabilizers State: Purified State: Lyophilized purified IgG fraction
Reconstitution Method:	Restore with 0.5 ml distilled water. Dilute further with appropriate antibody diluent.
Concentration:	~1.0 mg/ml (after reconstitution)
Purification:	Affinity Chromatography
Conjugation:	Unconjugated



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Storage:	Store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	elastin
Database Link:	Entrez Gene 25043 Rat Q99372
Background:	Elastin is the major protein of elastic fibres that form a randomly orientated network in many tissues. Due to its high content of hydrophobic amino acids it is relatively resistant to chemicals and proteinase. Its principal function is to provide elasticity to tissues, however it has also chemotactic and cell adhesion properties.
Synonyms:	ELN, Tropoelastin