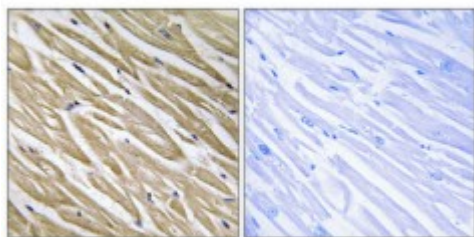


Anti-P311 antibody



Description	Rabbit polyclonal to P311.
Model	STJ94874
Host	Rabbit
Reactivity	Human, Mouse, Rat
Applications	ELISA, IHC
Immunogen	Synthesized peptide derived from human P311
Immunogen Region	30-110 aa, Internal
Gene ID	9315
Gene Symbol	NREP
Dilution range	IHC 1:100-1:300ELISA 1:40000
Specificity	P311 Polyclonal Antibody detects endogenous levels of P311 protein.
Tissue Specificity	Expressed in lung (at protein level).
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Note	For Research Use Only (RUO).
Protein Name	Neuronal regeneration-related protein Neuronal protein 3.1 Protein p311
Molecular Weight	7.909 kDa
Clonality	Polyclonal
Conjugation	Unconjugated

Isotype	IgG
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Concentration	1 mg/ml
Storage Instruction	Store at -20°C, and avoid repeat freeze-thaw cycles.
Database Links	HGNC:16834 OMIM:607332
Alternative Names	Neuronal regeneration-related protein Neuronal protein 3.1 Protein p311
Function	May have roles in neural function. Ectopic expression augments motility of gliomas. Promotes also axonal regeneration . May also have functions in cellular differentiation . Induces differentiation of fibroblast into myofibroblast and myofibroblast ameoid migration. Increases retinoic-acid regulation of lipid-droplet biogenesis . Down-regulates the expression of TGFB1 and TGFB2 but not of TGFB3 . May play a role in the regulation of alveolar generation.
Cellular Localization	Cytoplasm
Post-translational Modifications	Phosphorylated on Ser-59. Phosphorylation decreases stability and activity.

St John's Laboratory Ltd

F +44 (0)207 681 2580
T +44 (0)208 223 3081

W <http://www.stjohnslabs.com/>
E info@stjohnslabs.com