

Rabbit anti-Human NREP Polyclonal Antibody | anti-NREP antibody

NREP Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA234455	Rabbit	Human	Immunofluorescence, Immunohistochemistry, ELISA

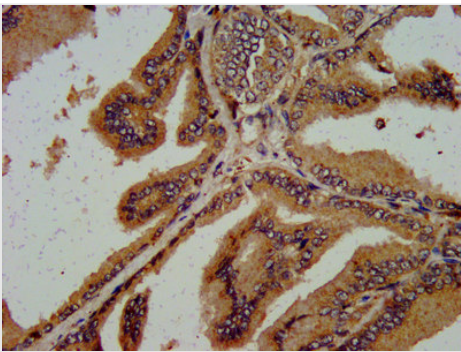
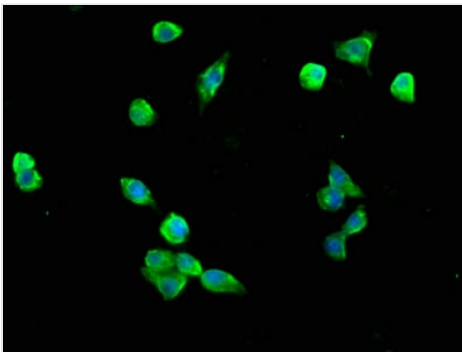
PRODUCT SYNONYMS

NREP; Polyclonal Antibody; NREP Antibody; Neuronal regeneration-related protein; Neuronal protein 3.1; Protein p311; C5orf13; P311; anti-NREP antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	>95%, Protein G purified
Form/Format	Liquid
Sequence Length	112
Applicable Applications for anti-NREP antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), ELISA
Immunogen	Recombinant Human Neuronal regeneration-related protein (1-68AA)
Conjugation	Non-conjugated
Storage Buffer	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, pH 7.4
Immunogen Species	Homo Sapien (Human)
Research Area	Cardiovascular
Target Names	NREP
Preparation and Storage	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.

IMAGES



IF (Immunofluorescence)
Immunofluorescence staining of SH-SY5Y cells with AAA234455 at 1:200, counter-stained with DAPI. The cells were fixed in 4% formaldehyde, permeabilized using 0.2% Triton X-100 and blocked in 10% normal Goat Serum. The cells were then incubated with the antibody overnight at 4°C. The secondary antibody was Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG (H+L).

IHC (Immunohistochemistry)
IHC image of AAA234455 diluted at 1:600 and staining in paraffin-embedded human prostate tissue performed on a Leica BondTM system.

ADDITIONAL INFORMATION

Related Product Information for anti-NREP antibody	May have roles in neural function. Ectopic expression augments motility of gliomas. Promotes also axonal regeneration (By similarity). May also have functions in cellular differentiation (By similarity). Induces differentiation of fibroblast into myofibroblast and myofibroblast ameboid migration. Increases retinoic-acid regulation of lipid-droplet biogenesis (By similarity). Down-regulates the expression of TGFB1 and TGFB2 but not of TGFB3 (By similarity). May play a role in the regulation of alveolar generation.
Product Categories/Family for anti-NREP antibody	Neuroscience; Cardiovascular; Cell biology; Metabolism; Signal transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	215599670
NCBI GeneID	9315
NCBI Accession #	NP_001135947.1
NCBI GenBank Nucleotide #	NM_001142475.1
UniProt Accession #	Q16612; B2RDN8; B7Z5D2; D3DSZ8
NCBI Official Full Name	neuronal regeneration-related protein isoform c
NCBI Official Synonym Full Names	neuronal regeneration related protein
NCBI Official Symbol	NREP
NCBI Official Synonym Symbols	P311; PTZ17; SEZ17; D4S114; C5orf13; PRO1873
NCBI Protein Information	neuronal regeneration-related protein
UniProt Protein Name	Neuronal regeneration-related protein
UniProt Gene Name	NREP
UniProt Synonym Gene Names	C5orf13; P311

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.