

Rabbit NELL1 Polyclonal Antibody | anti-NELL1 antibody

NELL1 Antibody

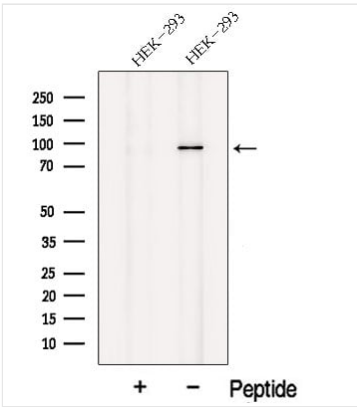
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA328689	Rabbit	Human, Mouse, Rat Predicted: Pig, Horse, Dog, Xenopus	Western Blot

PRODUCT SYNONYMS

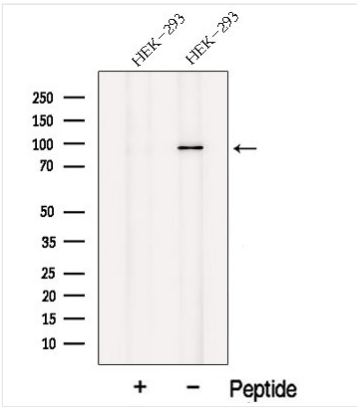
NELL1; Polyclonal Antibody; NELL1 Antibody; FLJ45906; IDH3GL; NEL like 1 (chicken); NEL like protein 1; Nel related protein 1; NEL-like 1 (chicken); NEL-like protein 1; Nel-related protein 1; NELL 1 protein short isoform; Nell1; NELL1_HUMAN; Neural epidermal growth factor like 1; NRP1; Protein kinase C binding protein NELL1; Protein kinase C-binding protein NELL1; anti-NELL1 antibody

PRODUCT SPECIFICATIONS

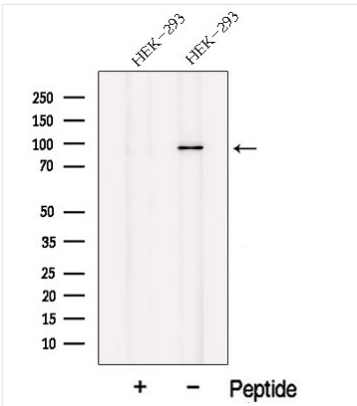
Host	Rabbit
Reactivity	Human, Mouse, Rat Predicted: Pig, Horse, Dog, Xenopus
Clonality	Polyclonal
Isotype	IgG
Specificity	NELL1 Antibody detects endogenous levels of NELL1.
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin (Thermo Fisher Scientific).
Form/Format	Liquid; Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	810
Applicable Applications for anti-NELL1 antibody	WB (Western Blot)
Immunogen	A synthesized peptide derived from human NELL1.
Fragment	Fab Fragment
Conjugate	Unconjugated
Subcellular Location	Nucleus; Extracellular Region or Secreted
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.



WB (Western Blot)
Western blot analysis of extracts from HEK-293 cells, using NELL1 Antibody. The lane on the left was treated with blocking peptide.



WB (Western Blot)
Western blot analysis of extracts from Rat kidney, using NELL1 Antibody. The lane on the left was treated with blocking peptide.



IF (Immunofluorescence)
staining Hela cells by IF/ICC. The samples were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25 degree C. Samples were then incubated with primary Ab(1:200) and mouse anti-beta tubulin Ab(1:200) for 1 hour at 37 degree C. An AlexaFluor594 conjugated goat anti-rabbit IgG(H+L) Ab(1:200 Red) and an AlexaFluor488 conjugated goat anti-mouse IgG(H+L) Ab(1:600 Green) were used as the secondary antibody

ADDITIONAL INFORMATION

Related Product Information for anti-NELL1 antibody	Description: Plays a role in the control of cell growth and differentiation. Promotes osteoblast cell differentiation and terminal mineralization.
	Subunit Structure: Homotrimer. Binds to PKC beta-1 (By similarity). Interacts with ATRAID; the interaction promotes osteoblast cell differentiation and mineralization.

NCBI AND UNIPROT INFORMATION

NCBI GI #	222352164
NCBI GeneID	4745
NCBI Accession #	NP_006148.2
NCBI GenBank Nucleotide #	NP_006148.2
UniProt Accession #	Q92832
Molecular Weight	Observed: 90 kDa Predicted: 90 kDa

NCBI Official Full Name	protein kinase C-binding protein NELL1 isoform 1
NCBI Official Synonym Full Names	neural EGFL like 1
NCBI Official Symbol	NELL1
NCBI Official Synonym Symbols	NRP1; IDH3GL
NCBI Protein Information	protein kinase C-binding protein NELL1
UniProt Protein Name	Protein kinase C-binding protein NELL1
UniProt Gene Name	NELL1
UniProt Synonym Gene Names	NRP1
UniProt Entry Name	NELL1_HUMAN

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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/nell1-antibody-western-blot-elisa/328689>