

Rabbit anti-Human NKX6-2 Polyclonal Antibody | anti-NKX6-2 antibody

NKX6-2 Antibody (N-term)

CATALOG # AAA285441	HOST Rabbit	REACTIVITY Human	APPLICATIONS ELISA, Western Blot
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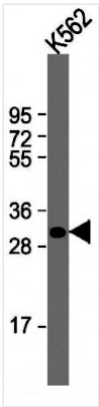
PRODUCT SYNONYMS

NKX6-2; Polyclonal Antibody; NKX6-2 Antibody (N-term); Homeobox protein Nkx-62; Homeobox protein NK-6 homolog B; GTX; NKX6B; anti-NKX6-2 antibody

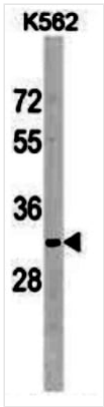
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This NKX6-2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 17-43 amino acids from the N-terminal region of human NKX6-2.
Purity/Purification	This antibody is purified through a protein A column, followed by peptide affinity purification.
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide.
Sequence Positions	6-2
Sequence Length	277
Applicable Applications for anti-NKX6-2 antibody	ELISA, WB (Western Blot)
Function	Transcription factor with repressor activity involved in the regulation of axon-glia interactions at myelin paranodes in oligodendrocytes. Binds to the consensus DNA sequence 5'-(A/T)TTAATGA-3'. In oligodendrocytes, binds to MBP and PLP1 promoter regions.
Cellular Location	Nucleus {ECO:0000250 UniProtKB:D3Z4R4}.
Tissue Location	Highest expression in brain.
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 2 weeks. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



WB (Western Blot)
Anti-NKX6-2 Antibody (N-term) at 1:1000 dilution + K562 whole cell lysate Lysates/proteins at 20 ug per lane.Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution.Predicted band size : 29 kDa Blocking/Dilution buffer: 5% NFD/MTBST



WB (Western Blot)
NKX6-2 Antibody (N-term) western blot analysis in K562 cell line lysates (35ug/lane).This demonstrates the NKX6-2 antibody detected the NKX6-2 protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-NKX6-2 antibody	The function of this protein remains unknown.
References	Lee, S.H., et al. Mamm. Genome 12(2):157-162(2001)

NCBI AND UNIPROT INFORMATION

NCBI GI #	28912912
NCBI GeneID	84504
NCBI Accession #	NP_796374.1
NCBI GenBank Nucleotide #	NM_177400.2
UniProt Accession #	Q9C056; Q5JSF3
Molecular Weight	29263
NCBI Official Full Name	homeobox protein Nkx-6.2
NCBI Official Synonym Full Names	NK6 homeobox 2
NCBI Official Symbol	NKX6-2
NCBI Official Synonym Symbols	GTX; NKX6B; NKX6.2
NCBI Protein Information	homeobox protein Nkx-6.2
UniProt Protein Name	Homeobox protein Nkx-6.2
UniProt Gene Name	NKX6-2
UniProt Synonym Gene Names	GTX; NKX6B
UniProt Entry Name	NKX62_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.