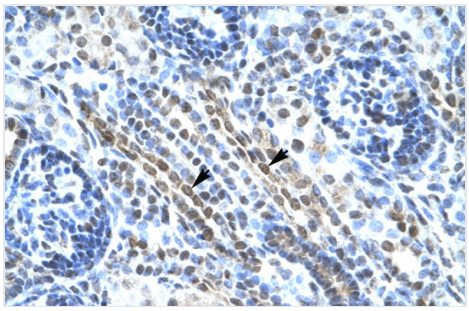
ANKRD11 Antibody – Rabbit Polyclonal

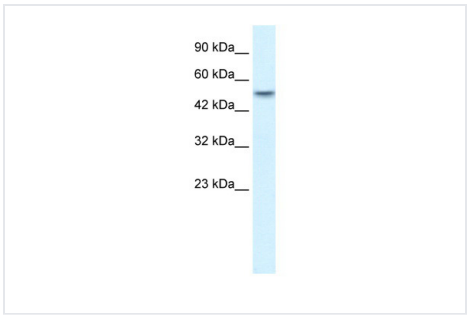
PRODUCT OVERVIEW

Product Name	ANKRD11, Polyclonal Antibody
Full Product Name	ANKRD11 antibody - N-terminal region
Product Gene Name	anti-ANKRD11 antibody
Product Synonym Gene Name	T13; LZ16; ANCO1; ANCO-1
Immunogen Sequence	Synthetic peptide located within the following region: KRKLPFTAGA NGEQKDSDTE KQGPERKRIK KEPVTRKAGL LFGMGLSGIR
Clonality	Polyclonal
Host	Rabbit
Species Reactivity	Human
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Purity/Purification	Protein A purified
Concentration	1.0 mg/mL (lot specific)
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.
Antibody/Peptide Pairs	ANKRD11 peptide (MBS3226596) is used for blocking the activity of ANKRD11 antibody (MBS3201587)
Molecular Weight	298kDa
3D Structure	ModBase 3D Structure for Q9UHR3
Predicted Species Reactivity	Human, Mouse, Rat, Cow, Dog, Guinea Pig, Horse, Rabbit, Zebrafish.
Predicted Homology Based on Immunogen Sequence	Cow: 100%; Dog: 100%; Guinea Pig: 93%; Horse: 100% ; Human:100% ; Mouse: 100%; Rabbit: 100%; Rat: 100%; Zebrafish: 86%.
Protein Interactions	LZTS2; CEP44; CDCA7L; HOOK2; TFIP11; IKZF1; PDE4DIP; BZRAP1; MKRN3; TRAF2; TRIM37; GOLGA2; HDAC3; UBC; HDAC5; NCOA2; HDAC4; RAC3; SRC; ANKRD11; NCOA3; NCOA1
Protein Size (##AA)	2663 amino acids.
Product Categories/Family for anti-ANKRD11 antibody	Polyclonal; Chromatin & Nuclear Signaling; Epigenetics; Disease Related; Immunohistochemistry
Applications Tested/Suitable for anti-ANKRD11 antibody	Immunohistochemistry (IHC), Western Blot (WB)
Related Product Information for anti-ANKRD11 antibody	This is a rabbit polyclonal antibody against ANKRD11. It was validated on Western Blot and immunohistochemistry Target Description: ANKRD11 is a member of a novel family of ankyrin repeats containing cofactors (ANCOs) that interact with p160 coactivators to inhibit ligand-dependent transactivation. ANKRD11 encodes a large nuclear protein with five ankyrin repeats, and parts of its sequences have been reported as nasopharyngeal carcinoma susceptibility protein and medulloblastoma antigen. This gene also colocalizes and interacts with histone deacetylases.
Other Notes	Small volumes of anti-ANKRD11 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.

Searchable Terms for ANKRD11 purchase	MBS3201587 is an antibody targeting ANKRD11. Also known as ANKRD11 antibody - N-terminal region. Reactive in Human. Host: Rabbit.



Immunohistochemistry (IHC) of anti-ANKRD11 antibody
Human kidney



Western Blot (WB) of anti-ANKRD11 antibody
WB Suggested Anti-ANKRD11 Antibody Titration: 1.25ug/mlPositive Control: Human Placenta

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for ANKRD11. It may not necessarily be applicable to this product.

NCBI GI #	56676397
NCBI GeneID	29123
NCBI Accession #	NP_037407
UniProt Primary Accession #	Q9UHR3
UniProt Related Accession #	Q6UB99
GenBank Nucleotide #	NM_013275
NCBI Official Full Name	ankyrin repeat domain-containing protein 11
NCBI Official Synonym Full Names	ankyrin repeat domain 11
NCBI Official Symbol	ANKRD11
NCBI Official Synonym Symbols	T13; LZ16; ANCO1; ANCO-1
Protein Family	Ankyrin repeat domain-containing protein
NCBI Protein Information	ankyrin repeat domain-containing protein 11
NCBI Summary for ANKRD11	This locus encodes an ankryin repeat domain-containing protein. The encoded protein inhibits ligand-dependent activation of transcription. Mutations in this gene have been associated with KBG syndrome, which is characterized by macrodontia, distinctive craniofacial features, short stature, skeletal anomalies, global developmental delay, seizures and intellectual disability. Alternatively spliced transcript variants have been described. Related pseudogenes exist on chromosomes 2 and X. [provided by RefSeq, Jan 2012]
Research Articles on ANKRD11	**1.** ANKRD11 variants cause variable clinical features associated with KBG syndrome and Coffin-Siris-like syndrome.
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Product Note	Select online data sheet information is drawn from bioinformatics databases, occasionally resulting in ambiguous or non-relevant product information. It is the responsibility of the customer to review, verify, and evaluate the information to make sure it matches their requirements before purchasing the kit. Our ELISA Kit assays are dynamic research tools and sometimes they may be updated and improved. If the format of this assay is important to you then please request the current manual or contact our technical support team with a presales inquiry before placing an order. We will confirm the current details of the assay. We cannot guarantee the sample manual posted online is the most current manual, it is intended to serve as an example only. Please refer to the instructions For Use provided with the assay kit for precise details.

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