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ANR11 Rabbit Polyclonal Antibody

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Catalog # AP93392

Product Information

Application	IHC-P, IF, ICC
Primary Accession	Q6UB99
Reactivity	Human, Rat, Mouse
Host	Polyclonal, Rabbit,IgG
Clonality	Polyclonal
Calculated MW	297913

Additional Information

Gene ID	29123
Other Names	Ankyrin repeat domain-containing protein 11, Ankyrin repeat-containing cofactor 1, ANKRD11, ANCO1
Dilution	IHC-P~~N/A IF~~1:50~200 ICC~~N/A
Storage Conditions	-20℃

Protein Information

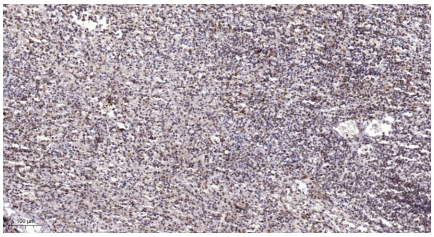
Name	ANKRD11
Synonyms	ANCO1
Function	Chromatin regulator which modulates histone acetylation and gene expression in neural precursor cells (By similarity). May recruit histone deacetylases (HDACs) to the p160 coactivators/nuclear receptor complex to inhibit ligand-dependent transactivation (PubMed:15184363). Has a role in proliferation and development of cortical neural precursors (PubMed:25556659). May also regulate bone homeostasis (By similarity).
Cellular Location	Nucleus {ECO:0000269|PubMed:15184363, ECO:0000269|PubMed:25413698, ECO:0000269|PubMed:25556659, ECO:0000269|Ref.1}. Note=Localizes to chromatin during prometaphase

Background

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],

Images



Immunohistochemical analysis of paraffin-embedded human spleen. 1, Antibody was diluted at 1:200(4° overnight). 2, Tris-EDTA,pH9.0 was used for antigen retrieval. 3,Secondary antibody was diluted at 1:200(room temperature, 45min).

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