

For Research Use Only

ANKRD31 Polyclonal antibody

Catalog Number: 29891-1-AP



Basic Information

Catalog Number: 29891-1-AP	GenBank Accession Number: NM_001164443.1	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 800 µg/ml by Nanodrop;	GeneID (NCBI): 256006	Recommended Dilutions: WB 1:500-1:2000
Source: Rabbit	Full Name: ankyrin repeat domain 31	
Isotype: IgG	Calculated MW: 211 kDa	
Immunogen Catalog Number: AG31858	Observed MW: 210 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : rat testis tissue, mouse heart tissue
Species Specificity: Rat, mouse, human	

Background Information

ANKRD31 (Ankyrin repeat domain-containing protein 31) controls the number, timing, and location of meiotic DNA breaks during meiosis. It encodes a 1857 amino acid protein with 2 ankyrin repeat domains (PubMed: 31003867). ANKRD31 was a meiotic protein colocalized REC 114 on chromatin (PubMed: 31000436). Mutations in ANKRD31 are associated with a Rett syndrome (RTT)-like phenotype (PMID: 27541642). And ANKRD31 has a high expression in testis.

Storage

Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

For technical support and original validation data for this product please contact:
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Selected Validation Data



rat testis tissue were subjected to SDS PAGE followed by western blot with 29891-1-AP (ANKRD31 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



Various lysates were subjected to SDS PAGE followed by western blot with 29891-1-AP (ANKRD31 antibody) at dilution of 1:800 incubated at room temperature for 1.5 hours.