ZNF22 Polyclonal antibody

Catalog Number:17063-1-AP   **1 Publications**

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Basic Information

Catalog Number:
17063-1-AP

Size:
150ul , Concentration: 350 ug/ml by Nanodrop and 260 ug/ml by Bradford method using BSA as the standard;

Source:
Rabbit

Isotype:
IgG

Immunogen Catalog Number:
AG10833

GenBank Accession Number:
BC010642

GeneID (NCBI):
7570

UNIPROT ID:
P17026

Full Name:
zinc finger protein 22 (KOX 15)

Calculated MW:
224 aa, 26 kDa

Observed MW:
26 kDa

Purification Method:
Antigen affinity purification

Recommended Dilutions:
WB 1:200-1:1000

Applications

Tested Applications:
WB, ELISA

Cited Applications:
WB

Species Specificity:
human, mouse, rat

Cited Species:
human

Positive Controls:

WB : Jurkat cells,

Background Information

ZNF22, also named as Zinc finger protein 22, is a 224 amino acid protein, which contains 5 C2H2-type zinc fingers and belongs to the krueppel C2H2-type zinc-finger protein family. In the embryo, ZNF22 is expressed in developing craniofacial structures including dental epithelium of maxillary molar tooth organs, tongue epithelium and muscle, and craniofacial bone osteoblasts. In the adult, ZNF22 is expressed in mesoderm-derived tissues such as skeletal muscle, heart, kidney and liver. Intermediate expression in spleen, thymus and brain. ZNF22 binds DNA through the consensus sequence 5'-CAATG-3' and may be involved in transcriptional regulation and may play a role in tooth formation.

Notable Publications

Author	Pubmed ID	Journal	Application
Baicheng Zhu	36518188	Front Mol Neurosci	WB

Storage

Storage:
Store at -20℃. 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
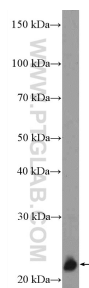
*** 20ul sizes contain 0.1% BSA

150 kDa→
100 kDa→
70 kDa→
50 kDa→
40 kDa→
30 kDa→
20 kDa→

Jurkat cells were subjected to SDS PAGE followed by western blot with 17063-1-AP (ZNF22 Antibody) at dilution of 1:300 incubated at room temperature for 1.5 hours.