

For Research Use Only

# Mouse WNK3 Polyclonal antibody, PBS Only

Catalog Number:32231-1-PBS



## Basic Information

**Catalog Number:**

32231-1-PBS

**Size:**

100ug, Concentration: 1 mg/ml by Nanodrop;

**Source:**

Rabbit

**Isotype:**

IgG

**Immunogen Catalog Number:**

AG37713

**GenBank Accession Number:**

NM\_001002838

**GeneID (NCBI):**

65267

**UNIPROT ID:**

Q9BYP7

**Full Name:**

WNK lysine deficient protein kinase 3

**Calculated MW:**

1800aa, 198 kDa

**Observed MW:**

230 kDa

**Purification Method:**

Antigen affinity Purification

## Applications

**Tested Applications:**

WB, Indirect ELISA

**Species Specificity:**

human

## Background Information

WNK3, is a member of the WNK (With No Lysine [K]) kinase family. It is a serine/threonine kinase that plays important roles in various physiological processes. WNK3 is expressed in brain, lung, kidney, liver and pancreas, and in fetal tissues including placenta, fetal brain, lung and kidney. Very low levels of expression were also detected in fetal heart, thymus, liver and spleen. Isoform 1 is brain-specific. Isoform 3 is kidney-specific. Endogenous WNK3 protein is an active protein kinase when immunoprecipitated from cells and its overexpression increases the survival of HeLa cells by delaying the onset of apoptosis (PMID:16501604).

## Storage

**Storage:**

Store at -80°C.

**Storage Buffer:**

PBS Only

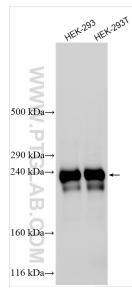
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## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 32231-1-AP (WNK3 antibody) at dilution of 1:4000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 32231-1-PBS in a different storage buffer formulation.