

## Product datasheet for **AP31959PU-N**

### STK3 Goat Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	ELISA, WB
Recommended Dilution:	<b>Peptide ELISA:</b> 1/16000 (Detection limit). <b>Western blot:</b> 1-3 µg/ml. Detects a band of Approx 65kDa in lysates of cell lines A431 and NIH3T3. The observed molecular weight corresponds to earlier findings with different antibodies from other commercial sources.
Reactivity:	Bovine, Canine, Human, Mouse, Porcine, Rat
Host:	Goat
Clonality:	Polyclonal
Immunogen:	Peptide with sequence (DFKNKSHENCNQN) from the internal region of Human STK3 (NP_006272.2).
Specificity:	This antibody recognizes STK3 and is not expected to cross-react to STK4.
Formulation:	Tris saline, pH~7.3 State: Aff - Purified State: Liquid purified Ig fraction Stabilizer: 0.5% BSA Preservative: 0.02% Sodium Azide
Concentration:	lot specific
Purification:	Affinity Chromatography
Conjugation:	Unconjugated
Storage:	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Predicted Protein Size:	56.3 kDa (Human NP_006272.2) and 56.8 kDa (Mouse NP_062609.2).
Gene Name:	serine/threonine kinase 3
Database Link:	<a href="#">Entrez Gene 6788 Human Q13188</a>

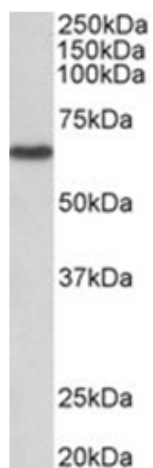


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**Background:** MST2 is a member of the STE20 subfamily of Ser/Thr protein kinases, is an oxidant stress-activated serine/threonine kinase that may play a role in the response to environmental stress. It is expressed at high levels in adult kidney, skeletal and placenta tissues and at very low levels in adult heart, lung and brain tissues. The protein contains 1 SARAH domain.

**Synonyms:** KRS1, MST2, MST-2

**Product images:**



STK3 antibody staining of NIH3T3 lysate at 1 ug/ml (35ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.