

Datasheet for ABIN570981  
**anti-MEST antibody (Internal Region)**[Go to Product page](#)

## 1 Image

## Overview

Quantity:	100 µg
Target:	MEST
Binding Specificity:	Internal Region
Reactivity:	Mouse, Rat
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This MEST antibody is un-conjugated
Application:	ELISA, Western Blotting (WB)

## Product Details

Purpose:	MEST
Immunogen:	Peptide with sequence C-QELLYRYKQNRSGR, from the internal region of the protein sequence according to NP_002393.2, NP_803490.1.
Sequence:	QELLYRYKQN RSGR
Isotype:	IgG
Specificity:	This antibody is expected to recognize both reported isoforms (NP_002393.2, NP_803490.1). Reported variants NP_803490.1 and NP_803491.1 represent identical protein.
Cross-Reactivity:	Cow, Dog, Human, Mouse, Rat
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

## Product Details

Grade: Verified

## Target Details

Target: MEST

Alternative Name: MEST ([MEST Products](#))

Background: MEST, mesoderm specific transcript homolog (mouse), DKFZp686L18234, MGC111102, MGC8703, PEG1, mesoderm specific transcript, paternally expressed gene 1

Gene ID: 4232, 17294, 58827

NCBI Accession: [NP\\_002393](#), [NP\\_803490](#)

## Application Details

Application Notes: Western Blot: Approx 37 kDa band observed in Mouse and Rat Testis lysates (calculated MW of 37.6 kDa according to Human NP\_803490.1 and 38.8 kDa according to Rat NP\_001009617.1).  
Recommended concentration: 0.2-0.5 µg/mL.  
Peptide ELISA: antibody detection limit dilution 1:8000.

Restrictions: For Research Use only

## Handling

Format: Liquid

Concentration: 0.5 mg/mL

Buffer: Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin.

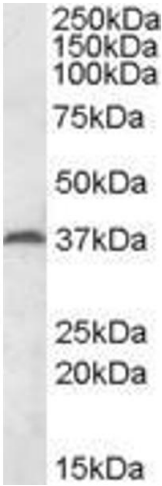
Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Handling Advice: Minimize freezing and thawing.

Storage: -20 °C

Storage Comment: Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated at 4°C for a few weeks and still remain viable.



Western Blotting

**Image 1.** ABIN570981 (0.2µg/ml) staining of Mouse Testis lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.