

# NMES1 Polyclonal antibody

Catalog Number: 25102-1-AP

## Basic Information

**Catalog Number:**

25102-1-AP

**Size:**

500 µg/ml

**Source:**

Rabbit

**Isotype:**

IgG

**Immunogen Catalog Number:**

AG18744

**GenBank Accession Number:**

BC021173

**GeneID (NCBI):**

84419

**UNIPROT ID:**

Q9C002

**Full Name:**

chromosome 15 open reading frame  
48

**Calculated MW:**

83 aa, 9 kDa

**Observed MW:**

10 kDa

**Purification Method:**

Antigen affinity purification

**Recommended Dilutions:**

WB 1:2000-1:10000

## Applications

**Tested Applications:**

WB, ELISA

**Species Specificity:**

human, mouse

**Positive Controls:**

WB : human testis tissue, mouse colon tissue, mouse testis tissue

## Background Information

Nmes1, encoding for Normal Mucosa of Esophagus-Specific gene 1, also known as C15orf48, Modulator of Cytochrome C Oxidase during Inflammation [MOCCI]), was first identified in a study of human esophageal squamous cell carcinoma (ESCC) tissues (PMID: 30013631). Nmes1 is expressed in epithelial tissue and is believed to be a tumor suppressor gene. Nmes1 encodes for a small protein consisting of 83 amino acid and is a nuclear protein (PMID: 37971166).

## Storage

**Storage:**

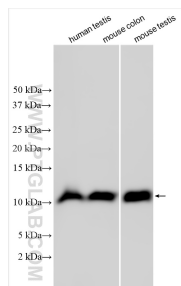
Store at -20°C. Stable for one year after shipment.

**Storage Buffer:**

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 25102-1-AP (NMES1 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.