

Anti-Mst2 Polyclonal Antibody

Product Details

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|-------------------|--|
| Ig Type: | IgG |
| Reactivity: | Human,Mouse,Rat (predicted:Dog,Pig,Cow,Horse,Rabbit) |
| Molecular Weight: | Theoretical: 54 kDa. |
| Purification: | Protein A purified |

Applications

1. Tissue/cell: human breast carcinoma; 4% Paraformaldehyde-fixed and paraffin-embedded; Antigen retrieval: citrate buffer (0.01 M, pH 6.0), Boiling bathing for 15 min; Block endogenous peroxidase by 3% Hydrogen peroxide for 30 min; Blocking buffer (normal goat serum) at 37°C for 20 min; Incubation: Anti-Mst2 Polyclonal Antibody, Unconjugated (TMAB-09045) 1:500, overnight at 4° C, followed by conjugation to the secondary antibody and DAB staining
2. Tissue/cell: human breast carcinoma; 4% Paraformaldehyde-fixed and paraffin-embedded; Antigen retrieval: citrate buffer (0.01 M, pH 6.0), Boiling bathing for 15 min; Block endogenous peroxidase by 3% Hydrogen peroxide for 30 min; Blocking buffer (normal goat serum) at 37°C for 20 min; Incubation: Anti-Mst2 Polyclonal Antibody, Unconjugated (TMAB-09045) 1:500, overnight at 4° C, followed by conjugation to the secondary antibody and DAB staining
3. Tissue/cell: Human laryngeal carcinoma; 4% Paraformaldehyde-fixed and paraffin-embedded; Antigen retrieval: citrate buffer (0.01 M, pH 6.0), Boiling bathing for 15 min; Block endogenous peroxidase by 3% Hydrogen peroxide for 30 min; Blocking buffer (normal goat serum) at 37°C for 20 min; Incubation: Anti-Mst2 Polyclonal Antibody, Unconjugated (TMAB-09045) 1: 200, overnight at 4° C, followed by conjugation to the secondary antibody and DAB staining
4. Paraformaldehyde-fixed, paraffin embedded (rat ovary); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30 min; Incubation with (Mst2) Polyclonal Antibody, Unconjugated (TMAB-09045) at 1: 200 overnight at 4°C, followed by operating according to SP Kit (Rabbit) instructions and DAB staining.
5. Paraformaldehyde-fixed, paraffin embedded (mouse ovary); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30 min; Incubation with (Mst2) Polyclonal Antibody, Unconjugated (TMAB-09045) at 1: 200 overnight at 4°C, followed by operating according to SP Kit (Rabbit) instructions and DAB staining.
6. Paraformaldehyde-fixed, paraffin embedded (human colon); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30 min; Incubation with (Mst2) Polyclonal Antibody, Unconjugated (TMAB-09045) at 1: 200 overnight at 4°C, followed by operating according to SP Kit (Rabbit) instructions and DAB staining.
7. A431 cell; 4% Paraformaldehyde-fixed; Triton X-100 at room temperature for 20 min; Blocking buffer (normal goat serum) at 37°C for 20 min; Antibody incubation with (Mst2) polyclonal Antibody, Unconjugated (TMAB-09045) 1: 25, 90 minutes at 37°C; followed by a conjugated Goat Anti-Rabbit IgG antibody at 37°C for 90 minutes, DAPI (blue) was used to stain

Verified Activity:

A DRUG SCREENING EXPERT

the cell nuclei.

Application: IHC-P,IHC-Fr,ICC/IF,IF

Recommended IHC-P: 1:100-500; IHC-Fr: 1:100-500; ICC/IF: 1:100-500; IF: 1:100-500

Properties

Stability & Storage: Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.

Shipping: Shipping with blue ice.

Antigen Details

Immunogen: KLH conjugated synthetic peptide: human Mst2

Antigen Species: Human

Gene ID: 6788

Uniprot ID: Q13043

Research Background

This gene encodes a serine/threonine protein kinase activated by proapoptotic molecules indicating the encoded protein functions as a growth suppressor. Cleavage of the protein product by caspase removes the inhibitory C-terminal portion. The N-terminal portion is transported to the nucleus where it homodimerizes to form the active kinase which promotes the condensation of chromatin during apoptosis. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jan 2012]

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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