Rabbit anti JunD (pS255) Polyclonal Antibody

Alternative Name(s): Jun D proto-oncogene; AP-1

Order Information

- **Description:** JunD (pS255)
- **Catalogue:** 500-11784
- **Lot:** See label
- **Size:** 100ug/200ul
- **Host:** Rabbit
- **Clone:** nan
- **Application:** IHC(P), WB, IP
- **Reactivity:** Hu, Ms

ANTIGEN PREPARATION

A synthetic peptide of human JunD with a phosphrylation site Serine 255.

BACKGROUND

JunD is a member of the jun proto-oncogene family. This protein has been proposed to protect cells from p53-dependent senescence and apoptosis. Alternative translation initiation site usage results in the production of different isoforms. Truncated c-Jun and JunD proteins containing the C-terminus recognize the same DNA sequences which are defined as the PEA1/AP1 binding sequence or TPA response element (TRE). Both can trans-activate a promoter including the TRE, and this activation is further enhanced by c-fos.

PURIFICATION

The Rabbit IgG is purified by site-modified Epitope Affinity Purification.

FORMULATION

This affinity purified antibody is supplied in sterile Tris-buffered saline (pH7.2) containing antibody stabilizer

SPECIFICITY

This antibody recognizes JunD with the phosphorylation site Serine 255. It does not cross-react with non-phosphospecific peptide.

STORAGE

The antibodies are stable for 24 months from date of receipt when stored at –20oC to –70oC. The antibodies can be stored at 2oC-8oC for three month without detectable loss of activity. Avoid repeated freezing-thawing cycles.

APPLICATIONS/SUGGESTED WORKING DILUTIONS*

- Western Blot: 0.1-1 µg/ml
- ELISA: 0.01-0.1 µg/ml
- Immunoprecipitation: 2-5 µg/ml
- IHC: 2-10 µg/ml
- Flow cytometry: Not tested
- Molecular Weight: 42.0
- Positive Control: Kidney Tissue
- Cellular Location: Cell Membrane

*Optimal dilutions should be determined by researchers for the specific applications.

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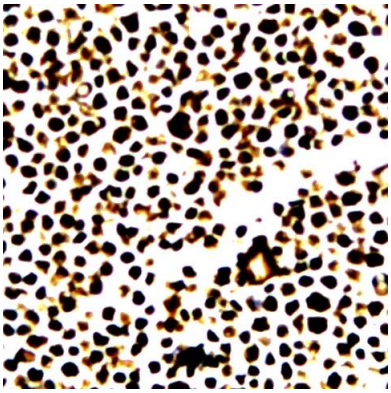
DATA ATTACHMENTS



Immunohistochemistry: The whole cell pallet Hela (FFPE) stained with Rabbit anti-Jun-b(pS255) (Cat# 500-11784) at 1:200 for 10 min @ RT. Staining of formalin-fixed tissue requires boiling tissue sections in 10 mM Citrate Buffer, pH 6.0 for 10 min followed by cooling at RT for 20 min.

REFERENCES

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