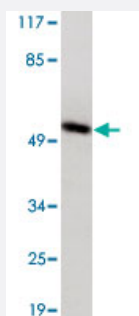


IRF3 (phospho S385) polyclonal antibody

Catalog # PAB25053

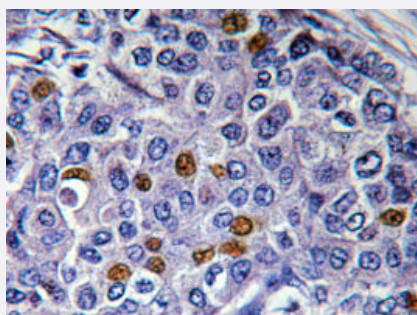
Size 100 uL

Applications



Western Blot (Cell lysate)

Western blot analysis of 293 cells treated with paclitaxel with IRF3 (phospho S385) polyclonal antibody (Cat # PAB25053).



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemistry analysis of paraffin-embedded human breast carcinoma tissue with IRF3 (phospho S385) polyclonal antibody (Cat # PAB25053).

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic phosphopeptide of IRF3.
Immunogen	Synthetic phosphopeptide corresponding to residues surrounding S385 of IRF3.
Host	Rabbit
Theoretical MW (kDa)	55
Reactivity	Human
Form	Liquid
Purification	Antigen affinity purification

Concentration	1 mg/mL
Purity	> 95% by SDS-PAGE
Recommend Usage	Western Blot (1:500-1:1000) Immunohistochemistry (1:50-1:200) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.2 (0.05% sodium azide)
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Cell lysate)

Western blot analysis of 293 cells treated with paclitaxel with IRF3 (phospho S385) polyclonal antibody (Cat # PAB25053).

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemistry analysis of paraffin-embedded human breast carcinoma tissue with IRF3 (phospho S385) polyclonal antibody (Cat # PAB25053).

Gene Info — IRF3

Entrez GeneID	3661
Gene Name	IRF3
Gene Alias	-
Gene Description	interferon regulatory factor 3
Omim ID	603734
Gene Ontology	Hyperlink
Gene Summary	IRF3 encodes interferon regulatory factor 3, a member of the interferon regulatory transcription factor (IRF) family. IRF3 is found in an inactive cytoplasmic form that upon serine/threonine phosphorylation forms a complex with CREBBP. This complex translocates to the nucleus and activates the transcription of interferons alpha and beta, as well as other interferon-induced genes. [provided by RefSeq]

Other Designations -

Publication Reference

- [A p53-TLR3 axis ameliorates pulmonary hypertension by inducing BMPR2 via IRF3.](#)

Aneel R Bhagwani, Mehboob Ali, Bryce Piper, Mingjun Liu, Jaylen Hudson, Neil Kelly, Srimathi Bogamuwa, Hu Yang, James D Londino, Joseph S Bednash, Daniela Farkas, Rama K Mallampalli, Mark R Nicolls, John J Ryan, A A Roger Thompson, Stephen Y Chan, Delphine Gomez, Elena A Goncharova, Laszlo Farkas.

iScience 2023 Jan; 26(2):105935.

Application: WB, Human, Human endothelial cells

Pathway

- [Toll-like receptor signaling pathway](#)

Disease

- [Asthma](#)
- [Bronchiolitis](#)
- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Disease Progression](#)
- [Edema](#)
- [Esophageal Neoplasms](#)
- [Genetic Predisposition to Disease](#)
- [Hepatitis C](#)
- [Infant](#)
- [Liver Cirrhosis](#)
- [Lung Neoplasms](#)
- [Lupus Erythematosus](#)

- [Neutropenia](#)
- [Papillomavirus Infections](#)
- [Pulmonary Disease](#)
- [Respiratory Syncytial Virus Infections](#)
- [Thrombocytopenia](#)
- [Urinary Bladder Neoplasms](#)
- [Uterine Cervical Neoplasms](#)
- [Werner syndrome](#)