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Anti-STAT6 (pY641) Antibody

Rabbit polyclonal antibody to STAT6 (pY641)
Catalog # AP60056

Product Information

Application	WB, IP, IHC
Primary Accession	P42226
Other Accession	P52633
Reactivity	Human, Mouse, Rat, Rabbit, Monkey, Pig, Bovine, Dog, SARS
Host	Rabbit
Clonality	Polyclonal
Calculated MW	94135

Additional Information

Gene ID	6778
Other Names	Signal transducer and activator of transcription 6; IL-4 Stat
Target/Specificity	Recognizes endogenous levels of STAT6 (pY641) protein.
Dilution	WB~~WB (1/500 - 1/1000), IHC (1/100 - 1/200), IP (1/10 - 1/100) IP~~N/A IHC~~WB (1/500 - 1/1000), IHC (1/100 - 1/200), IP (1/10 - 1/100)
Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.09% (W/V) sodium azide.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

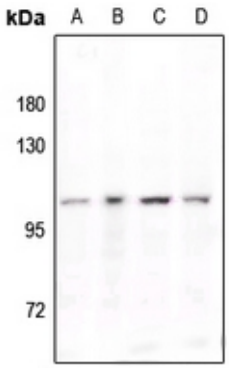
Protein Information

Name	STAT6
Function	Carries out a dual function: signal transduction and activation of transcription. Involved in IL4/interleukin-4- and IL3/interleukin-3-mediated signaling.
Cellular Location	Cytoplasm. Nucleus. Note=Translocated into the nucleus in response to phosphorylation

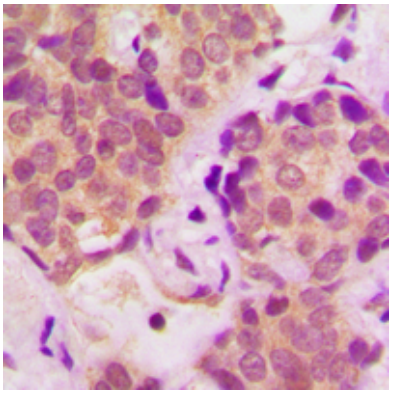
Background

KLH-conjugated synthetic peptide encompassing a sequence within the center region of human STAT6 (pY641). The exact sequence is proprietary.

Images



Western blot analysis of STAT6 (pY641) expression in PC12 (A), SKOVCAR3 (B), A2780 (C), Hela (D) whole cell lysates.



Immunohistochemical analysis of STAT6 (pY641) staining in human breast cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.