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STAT5B antibody - middle region

Rabbit Polyclonal Antibody
Catalog # AI11136

Product Information

Application	WB, IHC
Primary Accession	P42232
Other Accession	NM_011489, NP_035619
Reactivity	Human, Mouse, Rat, Rabbit, Zebrafish, Pig, Goat, Dog, Horse, Bovine, Sheep
Predicted	Human, Rabbit, Pig, Chicken, Dog, Horse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	90002

Additional Information

Gene ID	20851
Other Names	Signal transducer and activator of transcription 5B, Stat5b
Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Reconstitution & Storage	Add 100 ul of distilled water. Final anti-STAT5B antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.
Precautions	STAT5B antibody - middle region is for research use only and not for use in diagnostic or therapeutic procedures.

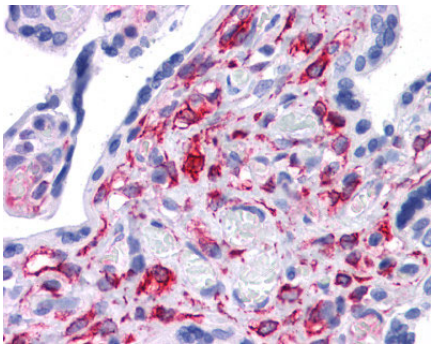
Protein Information

Name	Stat5b {ECO:0000250|UniProtKB:P51692}
Function	Signal transducer and transcription activator that mediates cellular responses to cytokines, hormones and growth factors. Binds to the GAS element and activates PRL-induced transcription. Positively regulates hematopoietic/erythroid differentiation. Involved in the oncostatin-M-mediated signaling pathway through type II OSM receptor complex (heterodimers composed of OSMR and IL6ST).
Cellular Location	Cytoplasm. Nucleus. Note=Translocated into the nucleus in response to phosphorylation
Tissue Location	In the virgin, found in most tissues. Particularly abundant in muscle tissue of virgin and lactating females, and of males.

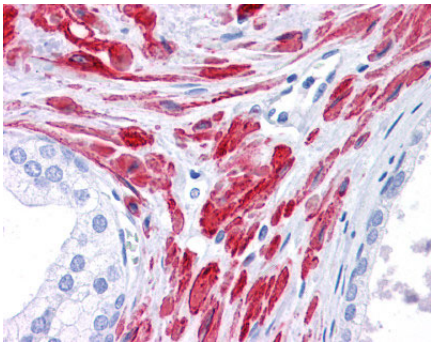
References

Laloraya,M., et al., (2006) Diabetes 55 (3), 734-741Reconstitution and Storage:For short term use, store at 2-8C up to 1 week. For long term storage, store at -20C in small aliquots to prevent freeze-thaw cycles.

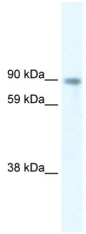
Images



Human Prostate



Human Prostate



WB Suggested Anti-STAT5B Antibody Titration: 5.0µg/ml
Positive Control: Muscle lysate

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.