Datasheet: AHP2413

Description:	RABBIT ANTI STAT5A
Specificity:	STAT5A
Format:	Purified
Product Type:	Polyclonal Antibody
Isotype:	Polyclonal IgG
Quantity:	0.1 mg

Product Details

Applications

This product has been reported to work in the following applications. This information is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information. For general protocol recommendations, please visit www.bio-rad-antibodies.com/protocols.

	Yes	No	Not Determined	Suggested Dilution
Western Blotting	▪			1/200

Where this product has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. Suggested working dilutions are given as a guide only. It is recommended that the user titrates the product for use in their own system using appropriate negative/positive controls.

Target Species

Mouse

Species Cross Reactivity

Reacts with: Human, Rat
N.B. Antibody reactivity and working conditions may vary between species.

Product Form

Purified IgG - liquid

Preparation

Purified IgG prepared by affinity chromatography

Antiserum Preparation

Antiserum to STAT5A was raised by repeated immunisation of rabbits with highly purified antigen

Buffer Solution

Phosphate buffered saline

Preservative Stabilisers

0.1% Sodium Azide (NaN_3)
0.2% Gelatin

Approx. Protein Concentrations

IgG concentration 0.2 mg/mll

Immunogen

Peptide mapping to the carboxy terminus of mouse STAT5A

External Database Links

UniProt:
P42230 Related reagents

Entrez Gene:

20850 Stat5a Related reagents

Synonyms	Mgf, Mpf
Specificity	**Rabbit anti STAT5A antibody** recognizes signal transducer and activator of transcription 5A (STAT5A), a member of the STAT protein family. STAT5A plays an important role in cell growth, survival, differentiation and transformation by transducing signals from cytokine receptors to the nucleus. STAT5A is tyrosine phosphorylated by members of the Janus kinase (JAK) family in response to cytokines and growth factor stimulation. Phosphorylation results in STAT activation and the formation of STAT5 homo- and STAT5/STAT3 heterodimers. STAT dimers translocate from the cytoplasm to the nucleus where they act as transcription factors. Deregulated JAK/STAT signaling has been implicated in a variety of cancers, and STATs can regulate the tumor microenvironment to trigger a shift from cancer inhibition to promotion.
Western Blotting	Rabbit anti STAT5A recognizes a band of approximately 91 kDa when run under reducing conditions
Storage	Store at +4^{o}C. DO NOT FREEZE. This product should be stored undiluted. Should this product contain a precipitate we recommend microcentrifugation before use.
Shelf Life	12 months from date of despatch
Health And Safety Information	Material Safety Datasheet documentation #20341 available at: 20341: https://www.bio-rad-antibodies.com/uploads/MSDS/20341.pdf
Regulatory	For research purposes only

Related Products

Recommended Secondary Antibodies

Sheep Anti Rabbit IgG (STAR34...)	FITC
Sheep Anti Rabbit IgG (STAR35...)	RPE
Goat Anti Rabbit IgG (H/L) (STAR124...)	HRP
Goat Anti Rabbit IgG (Fc) (STAR121...)	Biotin, FITC, HRP
Sheep Anti Rabbit IgG (2AB02...)	Biotin
Sheep Anti Rabbit IgG (STAR36...)	DyLight®488, DyLight®549, DyLight®649, DyLight®680, DyLight®800

Recommended Useful Reagents

TidyBlot™ WESTERN BLOT DETECTION REAGENT:HRP (STAR209P)

North & South America Tel: +1 800 265 7376 Fax: +1 919 878 3751 Email: antibody_sales_us@bio-rad.com

Worldwide Tel: +44 (0)1865 852 700 Fax: +44 (0)1865 852 739 Email: antibody_sales_uk@bio-rad.com

Europe Tel: +49 (0) 89 8090 95 21 Fax: +49 (0) 89 8090 95 50 Email: antibody_sales_de@bio-rad.com

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Printed on 02 May 2018