

Datasheet: 0178-2029

Description:	RABBIT ANTI RAT ACTH
Specificity:	ACTH
Other names:	ADRENOCORTICOTROPIC HORMONE
Format:	Purified
Product Type:	Polyclonal Antibody
Isotype:	Polyclonal IgG
Quantity:	0.5 ml

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
Flow Cytometry			▪	
Immunohistology - Frozen			▪	
Immunohistology - Paraffin			▪	
ELISA	▪			
Western Blotting			▪	
Radioimmunoassays	▪			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 the appropriate negative/positive controls.

Target Species	Rat
Species Cross Reactivity	Reacts weakly with:Human N.B. Antibody reactivity and working conditions may vary between species.
Product Form	Ig fraction - liquid
Preparation	Ig fraction prepared by blue sepharose chromatography
Buffer Solution	Phosphate buffered saline
Preservative Stabilisers	0.09% Sodium Azide (NaN ₃) 50% Glycerol
Immunogen	Synthetic rat ACTH conjugated to human thyroglobulin.
External Database Links	UniProt: P01194 Related reagents

Entrez Gene:[24664](#) Pomc [Related reagents](#)**Synonyms**

Pomc2

Specificity

Rabbit anti Rat ACTH antibody recognizes human adrenocorticotrophin (ACTH), a 39 amino acid cleavage product from pro-opiomelanocortin (POMC) which elicits a classic glucocorticoid response from the adrenal glands in situations of stress. ACTH is produced in the pituitary, and also by lymphocytes and macrophages.

This antibody does not react with oxytocin, dynorphin, Met-enkephalin, insulin, glucagon, Leu-enkephalin, somatostatin, TRH, ANFa or LHRH.

Storage

Store at +4°C or at -20°C if preferred.

Storage in frost-free freezers is not recommended.

This product should be stored undiluted. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use.

Shelf Life

18 months from date of despatch.

Health And Safety Information

Material Safety Datasheet documentation available at:
Material Safety Datasheet Documentation #10049 available at:
<https://www.bio-rad-antibodies.com/uploads/MSDS/10049.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](#)

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