

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. Cross reactivity is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information.

Product Form

Ig fraction - liquid

Preparation

Ig fraction prepared by blue sepharose chromatography

Buffer Solution

Phosphate buffered saline

Preservative	0.09% Sodium Azide (NaN ₃)
Stabilisers	50% Glycerol
Immunogen	Synthetic rat ACTH conjugated to human thyroglobulin.
External Database Links	<p>UniProt: P01194 Related reagents</p> <p>Entrez Gene: 24664 Pomc Related reagents</p>
Synonyms	Pomc2
RRID	AB_2165887
Specificity	<p>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.</p> <p>This antibody does not react with oxytocin, dynorphin, Met-enkephalin, insulin, glucagon, Leu-enkephalin, somatostatin, TRH, ANFa or LHRH.</p>
Storage	<p>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.</p>
Guarantee	18 months from date of despatch.
Health And Safety Information	Material Safety Datasheet documentation #10049 available at: 10049: 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](#)
- Goat Anti Rabbit IgG (H/L) (STAR124...) [HRP](#)
- Goat Anti Rabbit IgG (Fc) (STAR121...) [Biotin](#), [FITC](#), [HRP](#)
- Sheep Anti Rabbit IgG (STAR35...) [RPE](#)
- Sheep Anti Rabbit IgG (STAR36...) [DyLight®488](#), [DyLight®680](#), [DyLight®800](#)

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