

Datasheet: 2095-0220

BATCH NUMBER 0515

Description:	SHEEP ANTI HUMAN CHROMOGRANIN A
Specificity:	CHROMOGRANIN A
Format:	Purified
Product Type:	Polyclonal Antibody
Isotype:	Polyclonal IgG
Quantity:	1 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
Immunohistology - Paraffin (1)	▪			1/25 - 1/100
ELISA	▪			

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.

(1) This product requires protein digestion pre-treatment of paraffin sections. Pronase is recommended for this purpose.

Target Species

Human

Species Cross Reactivity

Based on sequence similarity, is expected to react with: Bovine, Chimpanzee, Dog, Horse, Pig, Mouse, Rat

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

Purified IgG - liquid

Preparation

Purified IgG prepared by affinity chromatography on Protein G

Buffer Solution

Phosphate buffered saline

Preservative Stabilisers	0.09% Sodium Azide (NaN ₃)
Approx. Protein Concentrations	IgG concentration 5.0 mg/ml
Immunogen	Synthetic peptide corresponding to the amino acids 1 - 15 (lpvnspmnkgdtevm) of the native molecule conjugated to Keyhole limpet Haemocyanin.
External Database Links	<p>UniProt: P10645 Related reagents</p> <p>Entrez Gene: 1113 CHGA Related reagents</p>
RRID	AB_2260642
Specificity	Sheep anti Human Chromogranin antibody recognizes human chromogranin A, a secreted peptide that inhibits glucose-induced insulin release. Chromogranin A is an activator of microglia (Taupenaut et al. 1996) and is notably upregulated and prominently expressed in the senile plaques associated with Alzheimer's disease (Yasuhara et al. 1994).
Histology Positive Control Tissue	Human pancreas
Storage	<p>Store at +4°C or at -20°C if preferred.</p> <p>Storage in frost-free freezers is not recommended.</p> <p>This product should be stored undiluted.</p> <p>Avoid repeated freezing and thawing as this may denature the antibody.</p> <p>Should this product contain a precipitate we recommend microcentrifugation before use.</p>
Guarantee	12 months from date of despatch
Health And Safety Information	Material Safety Datasheet documentation #10040 available at: https://www.bio-rad-antibodies.com/SDS/2095-0220 10040
Regulatory	For research purposes only

Related Products

Recommended Secondary Antibodies

Rabbit Anti Sheep IgG (H/L) (5184-2304...) [Biotin](#)

Recommended Useful Reagents

[ANTIGEN RETRIEVAL BUFFER, pH8.0 \(BUF025A\)](#)

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batch/lot specific datasheet for this product, please use our online search tool at: bio-rad-antibodies.com/datasheets

'M362979:200528'

Printed on 12 Aug 2023

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