

Datasheet: 8330-0154

Description:	RABBIT ANTI HUMAN SOMATOSTATIN
Specificity:	SOMATOSTATIN
Format:	Serum
Product Type:	Polyclonal Antibody
Isotype:	Polyclonal IgG
Quantity:	50 µl

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	■			1/1000 - 1/4000
Immunofluorescence	■			1/20 - 1/40

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	Human
Species Cross Reactivity	Reacts with: Cat, Rat, Sheep, Dog, Zebrafish, Pig N.B. Antibody reactivity and working conditions may vary between species.
Product Form	Serum - liquid
Preservative Stabilisers	0.09% Sodium Azide (NaN ₃)
Immunogen	Synthetic somatostatin conjugated to Thyroglobulin.
External Database Links	UniProt: P61278 Related reagents Entrez Gene: 6750 SST Related reagents
Specificity	Rabbit anti Human Somatostatin antibody recognizes somatostatin expressing cells in the pancreas and parvicellular structures in the basal hypothalamus of humans.
Histology Positive Control Tissue	Pancreas

References

1. Anderson, R.M. *et al.* (2009) Loss of Dnmt1 catalytic activity reveals multiple roles for DNA methylation during pancreas development and regeneration. [Dev Biol. 334: 213-23.](#)
2. Nowicki, M. *et al.* (2007) Peptidergic and nitrergic innervation of the pineal gland in the domestic pig: an immunohistochemical study. [Anat Histol Embryol. 36: 311-20.](#)
3. Chen, D. *et al.* (2004) Altered control of gastric acid secretion in gastrin-cholecystokinin double mutant mice. [Gastroenterology. 126: 476-87.](#)
4. Wojtkiewicz, J. *et al.* (2011) Immunohistochemical characterization of superior cervical ganglion neurons supplying porcine parotid salivary gland. [Neurosci Lett. 500: 57-62.](#)
5. Wojtkiewicz, J. *et al.* (2014) Innervation pattern of polycystic ovaries in the women. [J Chem Neuroanat. 61-62C: 147-152.](#)
6. Juranek, J.K. & Wojtkiewicz, J.A. (2015) Origins and neurochemical complexity of preganglionic neurons supplying the superior cervical ganglion in the domestic pig. [J Mol Neurosci. 55 \(2\): 297-304.](#)

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 #10081 available at:
10081: <https://www.bio-rad-antibodies.com/uploads/MSDS/10081.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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'M262818:141116'

Printed on 30 Apr 2018