

Sheep CHROMOGRANIN A Polyclonal Antibody | anti-CHGA antibody

SHEEP ANTI HUMAN CHROMOGRANIN A

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA49870	Sheep	Bovine (Expected from Sequence), Chimpanzee (Expected from Sequence), Dog (Expected from Sequence), Horse (Expected from Sequence), Mouse (Expected from Sequence), Pig (Expected from Sequence), Rat (Expected from Sequence)	Immunohistochemistry, ELISA

PRODUCT SYNONYMS

CHROMOGRANIN A; Polyclonal Antibody; SHEEP ANTI HUMAN CHROMOGRANIN A; anti-CHGA antibody

PRODUCT SPECIFICATIONS

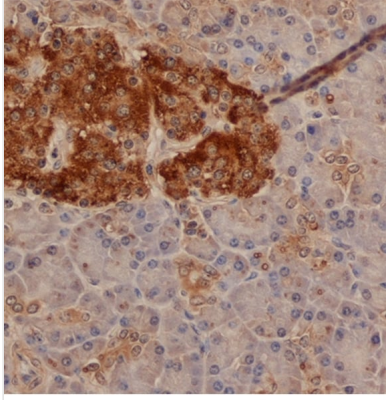
Host	Sheep
Reactivity	Bovine (Expected from Sequence), Chimpanzee (Expected from Sequence), Dog (Expected from Sequence), Horse (Expected from Sequence), Mouse (Expected from Sequence), Pig (Expected from Sequence), Rat (Expected from Sequence)
Clonality	Polyclonal
Isotype	IgG
Specificity	CHROMOGRANIN A
Form/Format	Purified Purified IgG - liquid
Concentration	IgG concentration 5.0 mg/ml (varies by lot)
Sequence Length	457
Applicable Applications for anti-CHGA antibody	IHC (Immunohistochemistry), ELISA
Perservative Stabilisers	0.09% Sodium Azide (NaN ₃)
Preparation	Purified IgG prepared by affinity chromatography on Protein G
Histology Positive Control Tissue	Human pancreas
Buffer Solution	Phosphate buffered saline
Target Species	Human
Immunogen	Synthetic peptide corresponding to the amino acids 1 - 15 (lpvnspmnkgdtevm) of the native molecule conjugated to Keyhole limpet Haemocyanin.
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.
Specificity Note	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).

Preparation and Storage

This product is shipped at ambient temperature. It is recommended to aliquot and store at -20 degree C on receipt. When thawed, aliquot the sample as needed. Keep aliquots at 2-8 degree C for short term use (up to 4 weeks) and store the remaining aliquot at -20 degree C.

Avoid repeated freezing and thawing as this may denature the antibody. Storage in frost-free freezers is not recommended.

IMAGES



Application Data

Staining of paraffin embedded human pancreas with Sheep anti Human Chromogranin A (AAA49870) following pronase antigen retrieval

ADDITIONAL INFORMATION

Related Product Information for anti-CHGA antibody

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).

NCBI AND UNIPROT INFORMATION

NCBI GI #	4502805
NCBI GeneID	1113
NCBI Accession #	NP_001266.1
NCBI GenBank Nucleotide #	NM_001275.3
UniProt Accession #	P10645 ; Q53FA8 ; Q6NR84 ; Q96E84 ; Q96GL7 ; Q9BQB5 ; B2R9E9
NCBI Official Full Name	chromogranin-A isoform 1 preproprotein
NCBI Official Synonym Full Names	chromogranin A (parathyroid secretory protein 1)
NCBI Official Symbol	CHGA
NCBI Official Synonym Symbols	CGA
NCBI Protein Information	chromogranin-A; SP-I; betagranin (N-terminal fragment of chromogranin A); catestatin; chromofungin; parathyroid secretory protein 1; pituitary secretory protein I
UniProt Protein Name	Chromogranin-A
UniProt Gene Name	CHGA
UniProt Synonym Gene Names	CgA; SP-I
UniProt Entry Name	CMGA_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://stage.aaabiotech.com/polyclonal/chromogranin-a-antibody-immunohistochemistry-elisa/49870>