Chromogranin A

ANTISERUM: Dako (A0430). Polyclonal (rabbit) antibody.

PRESENTATION/SPECIFICITY (according to manufacturer): Purified immunoglobulin fraction of rabbit antiserum. The immunogen is the C-terminal half of chromogranin A purified from urine patients with carcinoid syndrome. The purity of the antigen has been determined by amino acid sequencing.

This antibody reacts with human chromogranin A but not with epitopes located on the N-terminal half of the chromogranin A molecule. The specificity of the antibody has been determined confirmed by crossed immunoelectrophoresis.

REACTIVITY ACCORDING TO MANUFACTURER:
Formalin-fixed, paraffin-embedded tissue sections: To improve the staining intensity, antigen retrieval can be performed heating in 10 mM citrate buffer, pH 6.0 or in DAKO Target retrieval Solution. Immunoperoxidase and avidin-biotin methods are suitable for immunocytochemical detection.

This antibody can be used on acetone-fixed, cryostat sections or fixed cells smears.
For formalin-fixed, paraffin-embedded tissue sections use a dilution of 1/50 to 1/100 for LSAB methods. However, titration is recommended.
Store at 2-8 C.

WORKING DILUTION: 1/400. Pretreatment with steamer (citrate buffer, pH 6.0).

METHOD: LSAB 2-PO. 30 min. RT.

CELLS/TISSUES STAINED (CANINE UNLESS SPECIFIED):
Pancreas: Very strong reaction in individual non islet cells and moderate but distinct reaction in many islet cells.

REFERENCES: