

# Polyclonal Antibody to Human Cathepsin D

## Description:

Immunogen:	Cathepsin D isolated from human liver.
Host:	Rabbit.
Format:	Purified immunoglobulin fraction of rabbit antiserum against human cathepsin D containing sodium azide as preservative.
Specificity:	This antibody reacts with the zymogen as well as the activated form of cathepsin D. It stains fibroblasts and macrophages strongly but stains weakly with the myoepithelial cells of breast. It stains the sweat ducts and glands in the skin, islets cells and granules of pancreatic acini.
Titer/Working Dilution:	This antibody may be diluted to a titer of 1:75-1:200 in an immunohistochemistry application. However, depending on the staining conditions employed, we suggest that final dilution should be determined by the user.

**Uses/Limitations:** Immunohistochemistry  
For Research Use Only.  
Do not use past expiration date.

**Storage:** 2-8° Centigrade.

**Procedure:** We suggest an incubation period of 30-60 minutes at room temperature. However, depending upon the fixation conditions and the staining system employed, optimal incubation conditions should be determined by the user.

**Precautions:** Contains Sodium Azide as a preservative.  
Do not pipette by mouth.

**References:**

1. Garcia et al. J Steroid Biochem 27: 429, 1987.
2. Henry et al. Cancer 65: 265, 1990.