

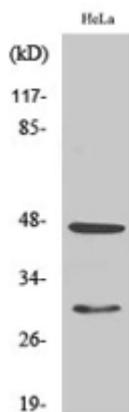
Cathepsin D Rabbit Polyclonal Antibody

OPR1870

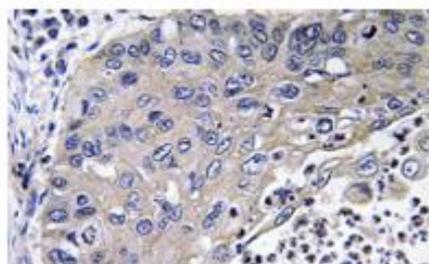
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|-------------------|--------|----------------------|-----------------------------------|
| Reactivity | H, R,M | Storage | -20°C, Avoid freeze / thaw cycles |
| Host | Rabbit | Applications | WB; IHC; IF; ELISA |
| Isotype | IgG | Concentration | 1 mg/mL |

Note: Centrifuge before opening to ensure complete recovery of vial contents.

Images



Western Blot analysis of various cells using Cathepsin D Polyclonal Antibody



Immunohistochemistry analysis of Cathepsin D antibody in paraffin-embedded human lung carcinoma tissue.

Immunogen Information

| | |
|------------------|---|
| Immunogen | The antiserum was produced against synthesized peptide derived from human Cathepsin D. AA range:296-345 |
| Swissprot | P07339 |
| Synonyms | CTSD;CPSD; Cathepsin D |

Product Information

| | |
|--------------------|--|
| Observed MW | 46,30 kDa |
| Buffer | PBS containing 50% glycerol,0.5% BSA and 0.02% sodium azide. |
| Dilution | WB:1/500-1/2000,IHC:1/100-1/300. ELISA: 1/40000 |

Other applications have not been tested. Optimal dilutions/concentrations should be determined by the end user

Background

This gene encodes a member of the A1 family of peptidases. The encoded preproprotein is proteolytically processed to generate multiple protein products. These products include the cathepsin D light and heavy chains, which heterodimerize to form the mature enzyme. This enzyme exhibits pepsin-like activity and plays a role in protein turnover and in the proteolytic activation of hormones and growth factors. Mutations in this gene play a causal role in neuronal ceroid lipofuscinosis-10 and may be involved in the pathogenesis of several other diseases, including breast cancer and possibly Alzheimer's disease

Research Use

For research use only, not for use in diagnostic procedure

Legend

Applications: WB-Western Blot; IHC-Immunohistochemistry; IF-Immunofluorescence; IP-Immunoprecipitation; FC-Flow cytometry; ChIP-Chromatin Immunoprecipitation

Reactivity: H-Human; R-Rat; M-Mouse; Mk-Monkey; Dg-Dog; Ch-Chicken; Hm-Hamster; Rb-Rabbit; Sh- Sheep; Pg-Pig; Z-Zebrafish; X-Xenopus; C-Cow.

Please contact Origin Diagnostics and Research for further assistance

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