

CTSK Antibody (Center R222)

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| Catalog_no : | AB2504 |
| Reactivity : | H, M |
| Category : | 抗原抗体 |
| Size : | 100 μ L/50 μ L |
| Immunogen : | HUMAN:207-237 |
| Specificity : | This CTSK antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 207-237 amino acids from the Central region of human CTSK. |
| Dilution : | IHC-P,1:100;WB,1:2000; |
| Purification : | Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS. |
| Other_name : | Cathepsin K, Cathepsin O, Cathepsin O2, Cathepsin X, CTSK, CTSO, CTSO2 |
| Isotype : | Rabbit Ig |
| Background : | The protein encoded by this gene is a lysosomal cysteine proteinase involved in bone remodeling and resorption. This protein, which is a member of the peptidase C1 protein family, is predominantly expressed in osteoclasts. However, the encoded protein is also expressed in a significant fraction of human breast cancers, where it could contribute to tumor invasiveness. Mutations in this gene are the cause of pycnodysostosis, an autosomal recessive disease characterized by osteosclerosis and short stature. This gene may be subject to RNA editing. |
| reference : | Lendeckel,U., Neurochem. Int. 54 (7), 410-417 (2009) |