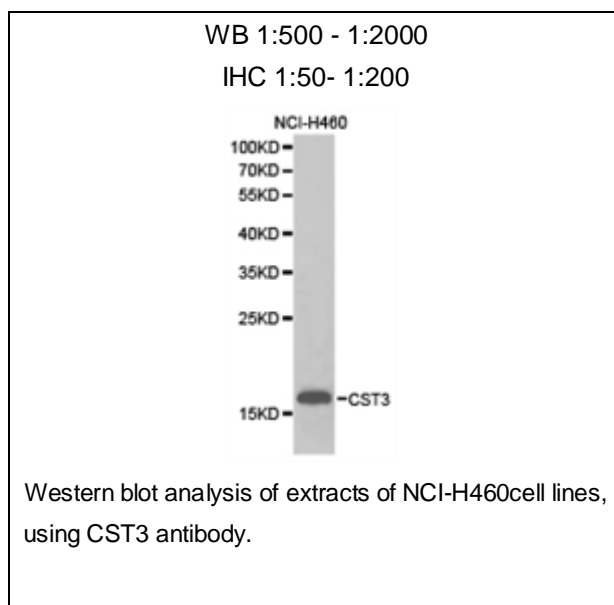




## CST3 Polyclonal Antibody

E91561

- Catalog Number:** E91561  
**Amount:** 100ul  
**Background:** Cystatin C is a 14 kDa member of the Cystatin superfamily of cysteine protease inhibitors (1). Most cell types secrete Cystatin C (1). Cystatin C inhibits cathepsins, and thereby may function as a tumor suppressor by inhibiting cathepsin mediated tumor cell invasion (2). In addition, this tumor suppressor function can also be attributed to Cystatin C's ability to antagonize TGF- $\beta$ 1 signaling (2,3). Cystatin C may also modulate antigen presentation through its ability to inhibit cathepsins (4). Cystatin C is also a biomarker for kidney dysfunction (5).  
**Species:** Rabbit  
**Isotype:** IgG  
**Storage/Stability:** Store at -20oC or -80oC. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.  
**Synonyms:** ARMD11; MGC117328;CST3;  
**Immunogen:** Recombinant protein of human CST3  
**Purification:** Affinity purification  
**Reactivity:** H M R  
**Applications:** WB IHC  
**Molecular Weight:** 16kDa  
**Swiss-Prot No. :** P01034  
**Gene ID:** 1471  
**References:** 1. Keppler, D. (2006) Cancer Lett 235, 159-76. 2. Sokol, J.P. and Schiemann, W.P. (2004) Mol Cancer Res 2, 183-95. 3. Tian, M. and Schiemann, W.P. (2009) Transl Oncol 2, 174-83. 4. Vray, B. et al. (2002) Cell Mol Life Sci 59, 1503-12. 5. Madero, M. and Sarnak, M.J. (2009) Curr Opin Nephrol Hypertens 18, 258-63.

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