CST3 Monoclonal Antibody

MACO0542

Product Information

Size:

50ug

Reactivity:

Human

Source:

Mouse

Isotype:

IgG2b

Applications:

ELISA, IHC

Recommended dilutions:

IHC:1:50-1:500

Protein Background:

Defects in CST3 are the cause of amyloidosis type 6 (AMYL6) [MIM:105150]; also known as hereditary cerebral hemorrhage with amyloidosis (HCHWA), cerebral amyloid angiopathy (CAA) or cerebroarterial amyloidosis Icelandic type. AMYL6 is a hereditary generalized amyloidosis due to cystatin C amyloid deposition. Cystatin C amyloid accumulates in the walls of arteries, arterioles, and sometimes capillaries and veins of the brain, and in various organs including lymphoid tissue, spleen, salivary glands, and seminal vesicles. Amyloid deposition in the cerebral vessels results in cerebral amyloid angiopathy, cerebral hemorrhage and premature stroke. Cystatin C levels in the cerebrospinal fluid are abnormally low. Genetic variations in CST3 are associated with age-related macular degeneration type 11 (ARMD11) [MIM:611953].

Gene ID:

CST3

Uniprot

P01034

Synonyms:

CysC, Cystatin-3, Gamma-trace, Neuroendocrine basic polypeptide, Post-gamma-globulin

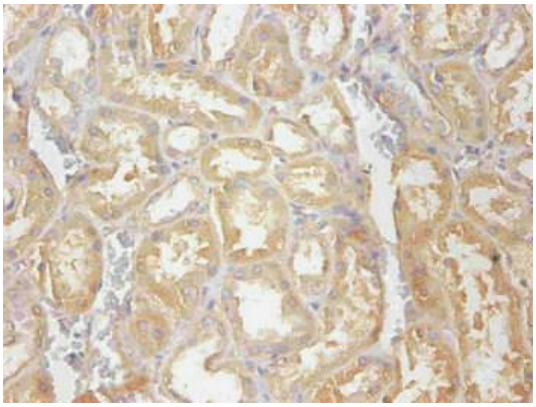
Immunogen:

Recombinant Human Cystatin C protein

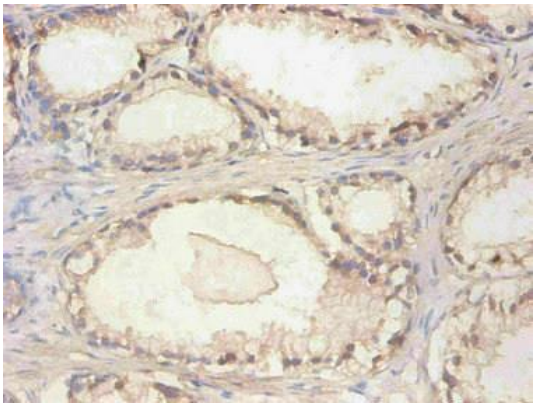
Storage:

Preservative: 0.03% Proclin 300. Constituents: 50% Glycerol, 0.01M PBS, PH 7.4

Product Images



Immunohistochemical of paraffin-embedded human kidney tissue using MACO0542 at dilution of 1:200



Immunohistochemical of paraffin-embedded human prostate tissue using MACO0542 at dilution of 1:200