German Research Products - GRP GmbH

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Product Datasheet

Klotho Polyclonal Antibody GRP494

Description May have weak glycosidase activity towards glucuronylated

steroids. However, it lacks essential active site Glu residues at positions 239 and 872, suggesting it may be inactive as a glycosidase in vivo. May be involved in the regulation of calcium and phosphorus homeostasis by inhibiting the synthesis of active vitamin D (By similarity). Essential factor for the specific

interaction between FGF23 and FGFR1 (By similarity). The Klotho peptide generated by cleavage of the membrane-bound isoform may be an anti-aging circulating hormone which would extend life

span by inhibiting insulin/IGF1 signaling.

Species/Host Rabbit

Reactivity Human, Mouse, Rat

Conjugation Unconjugated

IHC-P, WB **Tested Applications**

Immunogen KLH conjugated synthetic peptide derived from human Klotho

(public_immunogen_range: 400-450/1012)

Aqueous buffered solution containing 1% BSA, 50% glycerol and Form/Appearance

0.09% sodium azide.

Concentration 1ug/ul

Store at -20°C for 12 months. Storage

Note For research use only.

Isotype IgG

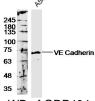
Polyclonal Clonality

Purity Purified by Protein A.

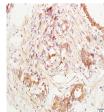
Uniprot ID Q9UEF7

Entrez 9365

WB: 1:300-1000, IHC-P: 1:200-400 **Dilution Range**



WB of GRP494



IHC-P of GRP494