

DESCRIPTION

Species Reactivity	Mouse
Specificity	Detects mouse PCPE-1 in direct ELISAs and Western blots. In direct ELISAs and Western blots, approximately 35% cross-reactivity with recombinant human PCPE is observed.
Source	Polyclonal Goat IgG
Purification	Antigen Affinity-purified
Immunogen	Mouse myeloma cell line NS0-derived recombinant mouse PCPE-1 Gln25-Ala468 (predicted) Accession # Q61398
Conjugate	Alexa Fluor 532 Excitation Wavelength: 534 nm Emission Wavelength: 553 nm
Formulation	Supplied 0.2mg/ml in 1X PBS with RDF1 and 0.09% Sodium Azide *Contains <0.1% Sodium Azide, which is not hazardous at this concentration according to GHS classifications. Refer to the Safety Data Sheet (SDS) for additional information and handling instructions.

APPLICATIONS

Please Note: Optimal dilutions should be determined by each laboratory for each application. [General Protocols](#) are available in the Technical Information section on our website.

Western Blot	Optimal dilution of this antibody should be experimentally determined.
Immunoprecipitation	Optimal dilution of this antibody should be experimentally determined.

PREPARATION AND STORAGE

Shipping	The product is shipped with polar packs. Upon receipt, store it immediately at the temperature recommended below.
Stability & Storage	Protect from light. Do not freeze. 12 months from date of receipt, 2 to 8 °C as supplied

BACKGROUND

PCPE-1 is a secreted 55 kDa enzyme adaptor that enhances the activity of the BMP-1/tolloid family of metalloproteinases (also known as procollagen C-proteinases) on fibrillar procollagens. PCPE-1 binds to the C-propeptide region and also elsewhere in the procollagen molecule to specifically stimulate BMP-1/tolloid processing of procollagen I, II, and III.

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