
Product Information

Product SKU:	CAB5328	Gene ID:	6283	Size:	20uL, 100uL
Clone No:	-	Host Species:	Rabbit	Reactivity:	Human

Additional Information

Observed MW:	11kDa	Conjugate:	Unconjugated
Calculated MW:	10kDa	Isotype:	IgG

Immunogen Information

Background: The protein encoded by this gene is a member of the S100 family of proteins containing 2 EF-hand calcium-binding motifs. S100 proteins are localized in the cytoplasm and/or nucleus of a wide range of cells, and involved in the regulation of a number of cellular processes such as cell cycle progression and differentiation. S100 genes include at least 13 members which are located as a cluster on chromosome 1q21. This protein is proposed to be involved in specific calcium-dependent signal transduction pathways and its regulatory effect on cytoskeletal components may modulate various neutrophil activities. The protein includes an antimicrobial peptide which has antibacterial activity.

Recommended Dilution: WB, 1:500 - 1:1000 IHC-P, 1:100 - 1:500 IF/ICC, 1:50 - 1:200

Synonyms: p6; CAGC; CGRP; MRP6; CAAF1; MRP-6; ENRAGE; S100A12

Purification Method: Affinity purification

Immunogen: Recombinant fusion protein containing a sequence corresponding to amino acids 1-92 of human S100A12 (NP_005612.1).

Storage: Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.