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Datasheet for ABIN1402450  
**anti-CAF1p55 antibody (Alexa Fluor 488)**

### Overview

|              |   |
|--------------|---|
| Quantity:    | 100 µL  |
| Target:      | CAF1p55 (CAF1)  |
| Reactivity:  | Human, Mouse, Rat   |
| Host:        | Rabbit  |
| Clonality:   | Polyclonal  |
| Conjugate:   | This CAF1p55 antibody is conjugated to Alexa Fluor 488                          |
| Application: | Western Blotting (WB), Immunofluorescence (Paraffin-embedded Sections) (IF (p)) |

### Product Details

|                   |   |
|-------------------|---|
| Immunogen:        | KLH conjugated synthetic peptide derived from human CAF1p55 |
| Isotype:          | IgG   |
| Cross-Reactivity: | Human, Mouse, Rat   |
| Purification:     | Purified by Protein A.                                      |

### Target Details

|                   |  |
|-------------------|--|
| Target:           | CAF1p55 (CAF1)   |
| Alternative Name: | CAF1p55 ( <a href="#">CAF1 Products</a> )  |
| Background:       | Synonyms: Caf 1, CAF-1, CAF-1 P55 subunit, CAF1 p55 subunit, CAF1A, CAF1P55, chaf1b, Chromatin assembly factor 1 p55 subunit, Chromatin assembly factor 1 p60 subunit, chromatin assembly factor 1 subunit, Chromatin assembly factor I, dCAF-1, dCAF1, Human chromatin assembly factor-I p55 subunit, Nucleosome remodeling factor 55 kDa subunit, NURF 55, NURF- |

## Target Details

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55, p55, Probable histone binding protein Caf1, VPRBP\_HUMAN.

Background: P55 is an extensively palmitoylated erythrocyte membrane protein, and a member of the MAGUK family. P55 also resists salt extraction, resulting in a high affinity for the plasma membrane. P55 contains a PDZ/DHR domain, a conserved SH-3 domain that appears to suppress tyrosine kinase activity of various oncoproteins, a 39-amino acid motif that binds to cytoskeletal protein 4.1R, and a guanylate kinase-like domain. Interaction with glycophorin C (GPC) and 4.1R suggests that p55 may play a role in the dynamic regulation in the erythrocyte membrane. In addition, p55 gene expression in vivo may be associated with a CpG island. P55 is constitutively expressed in K562 erythroleukemia cells during erythropoiesis and undergoes a 2-fold amplification after induction.

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Gene ID: 9730

## Application Details

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Application Notes: IF(IHC-P) 1:50-200

Restrictions: For Research Use only

## Handling

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Format: Liquid

Concentration: 1 µg/µL

Buffer: Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

Storage: -20 °C

Storage Comment: Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

Expiry Date: 12 months