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Datasheet for ABIN1405036  
**anti-TFCP2 antibody (Alexa Fluor 488)**

## Overview

|              |   |
|--------------|---|
| Quantity:    | 100 µL  |
| Target:      | TFCP2   |
| Reactivity:  | Human, Mouse, Rat   |
| Host:        | Rabbit  |
| Clonality:   | Polyclonal  |
| Conjugate:   | This TFCP2 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 TFCP2C |
| Isotype:          | IgG  |
| Cross-Reactivity: | Human, Mouse, Rat  |
| Purification:     | Purified by Protein A.                                     |

## Target Details

|                   |   |
|-------------------|---|
| Target:           | TFCP2   |
| Alternative Name: | TFCP2C ( <a href="#">TFCP2 Products</a> )   |
| Background:       | Synonyms: Alpha globin transcription factor CP2, CP2, LBP 1C, LBP1C, LSF, SAA3 enhancer factor, SEF, TFCP2, TFCP2C, Transcription factor CP2, Transcription factor LSF, TFCP2_HUMAN.<br>Background: CP2 family gene products are reported to be involved in a-globin gene expression. |

## Target Details

Mouse CP2c (also known as  $\alpha$ -CP2/CP2/LSF/UBP-1) is a homologue of human LBP-1c with 96 % amino acid sequence identity. CP2c was initially identified as an activator of the mouse  $\alpha$ -globin gene, which binds to the consensus DNA-binding sequence CNRG-N6-CNR(G/C) within a promoter element overlapping the CCAAT box. The transcriptional activity of CP2c was increased during induced differentiation of MEL cells and associated globin gene transcription. CP2c is also likely to be involved in regulation of non-globin erythroid-specific genes. It was reported that congenital erythropoietic porphyria was caused by the mutations in GATA-1 and CP2c binding sites within the promoter of the uroporphyrinogen III synthase gene, the fourth enzyme in the heme biosynthetic pathway.

Gene ID: 7024

## Application Details

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

Restrictions: For Research Use only

## Handling

Format: Liquid

Concentration: 1  $\mu$ g/ $\mu$ L

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