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Datasheet for ABIN894550

**anti-DUSP2 antibody (AA 201-314) (Alexa Fluor 647)**

## Overview

Quantity:	100 µL
Target:	DUSP2
Binding Specificity:	AA 201-314
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This DUSP2 antibody is conjugated to Alexa Fluor 647
Application:	Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

## Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human DUSP2
Isotype:	IgG
Predicted Reactivity:	Human,Mouse,Rat,Dog,Cow,Sheep,Horse
Purification:	Purified by Protein A.

## Target Details

Target:	DUSP2
Alternative Name:	DUSP2 ( <a href="#">DUSP2 Products</a> )
Background:	Synonyms: Dual specificity phosphatase 2, Dual specificity protein phosphatase 2, Dual specificity

## Target Details

protein phosphatase PAC 1, DUSP 2, PAC 1, PAC1, Serine/threonine specic protein phosphatase, DUS2\_HUMAN.

Background: DUSP2 is a dual-specific thr/tyr phosphatase that is a physiologically relevant MAP kinase phosphatase. The gene is located on 2q11.2-q11 and contains 4 exons that span approximately 2.3kb. Under specific stress conditions, p53 regulates transcription of PAC1 through a new p53-binding site, and that PAC1 is necessary and sufficient for p53-mediated apoptosis.

Gene ID: 1844

## Application Details

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

Restrictions: For Research Use only

## Handling

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