

Datasheet for ABIN6261383

**anti-Dual Specificity Phosphatase 3 (DUSP3) (N-Term)
antibody**[Go to Product page](#)**2** Images

Overview

Quantity:	100 µL
Target:	Dual Specificity Phosphatase 3 (DUSP3)
Binding Specificity:	N-Term
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	Un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)

Product Details

Immunogen:	A synthesized peptide derived from human DUSP3, corresponding to a region within N-terminal amino acids.
Isotype:	IgG
Specificity:	DUSP3 Antibody detects endogenous levels of total DUSP3.
Predicted Reactivity:	Pig,Bovine,Dog,Chicken
Purification:	The antiserum was purified by peptide affinity chromatography using SulfoLink™ Coupling Resin (Thermo Fisher Scientific).

Target Details

Target:	Dual Specificity Phosphatase 3 (DUSP3)
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Target Details

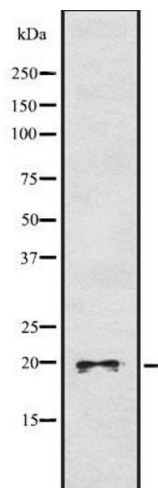
Alternative Name:	DUSP3 (DUSP3 Products)
Target Type:	Viral Protein
Background:	Description: Shows activity both for tyrosine-protein phosphate and serine-protein phosphate, but displays a strong preference toward phosphotyrosines. Specifically dephosphorylates and inactivates ERK1 and ERK2. Gene: DUSP3
Molecular Weight:	20 kDa
Gene ID:	1845
UniProt:	P51452
Pathways:	Neurotrophin Signaling Pathway , Activation of Innate immune Response , Toll-Like Receptors Cascades

Application Details

Application Notes:	WB 1:1000-3000, IHC 1:200, ELISA(peptide) 1:20000-1:40000
Restrictions:	For Research Use only

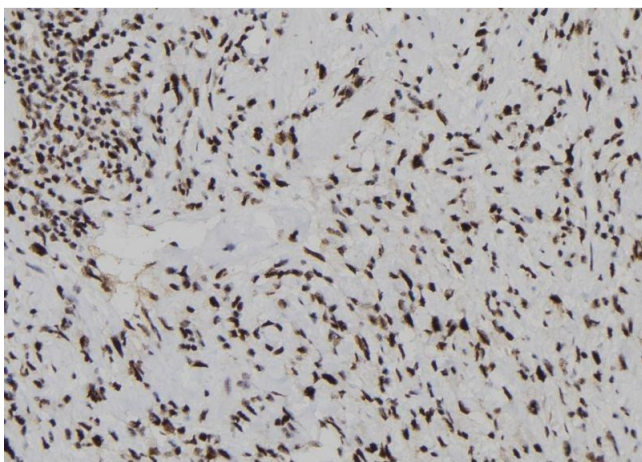
Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	Rabbit IgG in phosphate buffered saline , pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20 °C. Stable for 12 months from date of receipt.
Expiry Date:	12 months



Western Blotting

Image 1. Western blot analysis of DUSP3 using MCF7 whole cell lysates



Immunohistochemistry

Image 2. ABIN6278246 at 1/100 staining Human gastric tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22°C. An HRP conjugated goat anti-rabbit antibody was used as the secondary