

DESCRIPTION

Species Reactivity	Human/Mouse
Specificity	Detects human and mouse JunD in Western blots.
Source	Polyclonal Goat IgG
Purification	Antigen Affinity-purified
Immunogen	<i>E. coli</i> -derived recombinant human JunD Lys47-Gly156 Accession # P17535
Conjugate	Alexa Fluor 488 Excitation Wavelength: 488 nm Emission Wavelength: 515-545 nm
Formulation	Supplied 0.2mg/ml in 1X PBS with RDF1 and 0.09% Sodium Azide
	*Contains <0.1% Sodium Azide, which is not hazardous at this concentration according to GHS classifications. Refer to the Safety Data Sheet (SDS) for additional information and handling instructions.

APPLICATIONS

Please Note: Optimal dilutions should be determined by each laboratory for each application. General Protocols are available in the Technical Information section on our website.

Western Blot Optimal dilution of this antibody should be experimentally determined.

PREPARATION AND STORAGE

Shipping	The product is shipped with polar packs. Upon receipt, store it immediately at the temperature recommended below.
Stability & Storage	Protect from light. Do not freeze. 12 months from date of receipt, 2 to 8 °C as supplied

BACKGROUND

JunD is a member of the Jun family of nuclear transcription factors. It dimerizes with other Jun or FOS family members to form the AP1 transcription factor. Unlike c-Jun or JunB, JunD antagonizes Ras transformation and accumulates as cells enter quiescence. JunD has two isoforms full length at 347 amino acids (aa), the other 303 aa which initiates translation at aa 44. Over the sequence used as an immunogen, human JunD shares 80% aa identity with mouse and rat JunD. The activation of JunD appears to reduce the proliferation of breast cancer cells.

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