

DESCRIPTION

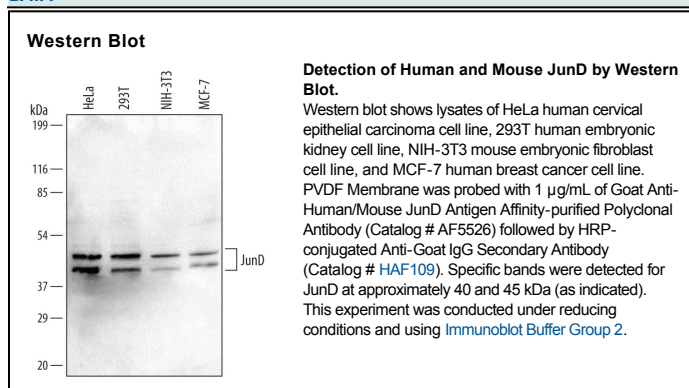
Species Reactivity	Human/Mouse
Specificity	Detects human and mouse JunD in Western blots.
Source	Polyclonal Goat IgG
Purification	Antigen Affinity-purified
Immunogen	<i>E. coli</i> -derived recombinant human JunD Lys47-Gly156 Accession # P17535
Formulation	Lyophilized from a 0.2 µm filtered solution in PBS with Trehalose. See Certificate of Analysis for details. *Small pack size (-SP) is supplied as a 0.2 µm filtered solution in PBS.

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.

	Recommended Concentration	Sample
Western Blot	1 µg/mL	See Below

DATA



PREPARATION AND STORAGE

Reconstitution	Reconstitute at 0.2 mg/mL in sterile PBS.
Shipping	The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature recommended below. *Small pack size (-SP) is shipped with polar packs. Upon receipt, store it immediately at -20 to -70 °C
Stability & Storage	Use a manual defrost freezer and avoid repeated freeze-thaw cycles. <ul style="list-style-type: none"> • 12 months from date of receipt, -20 to -70 °C as supplied. • 1 month, 2 to 8 °C under sterile conditions after reconstitution. • 6 months, -20 to -70 °C under sterile conditions after reconstitution.

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.