

DESCRIPTION

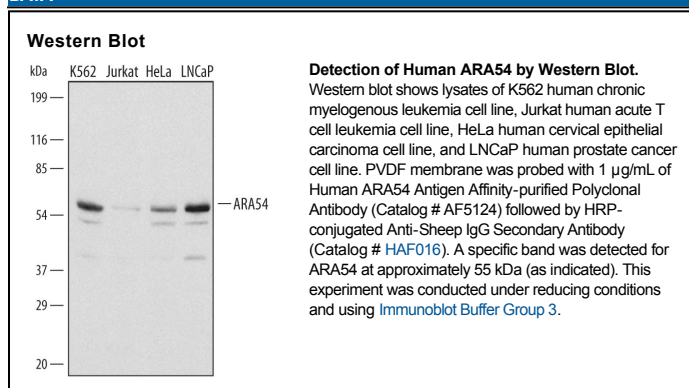
Species Reactivity	Human
Specificity	Detects endogenous human ARA54 in Western blots.
Source	Polyclonal Sheep IgG
Purification	Antigen Affinity-purified
Immunogen	<i>E. coli</i> -derived recombinant human ARA54 Met127-Gln261 Accession # Q9UBS8
Formulation	Lyophilized from a 0.2 µm filtered solution in 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

ARA54 (androgen receptor associated protein 54; also RING finger protein 14) is a 50-55 kDa member of the zinc finger superfamily of proteins. It is ubiquitously expressed, and has two functions; one is to serve as a homodimeric co-activator for androgen receptor-induced transcription, and a second as an E3 ubiquitin-protein ligase. Human ARA54 is 474 amino acids (aa) in length and contains an RDW domain that interacts with E2 ubiquitin ligase (aa 11-137), two zinc finger domains that qualify as RING-type (aa 220-266) and IBR-type (aa 289-350), and an androgen-interaction region (aa 361-474) that contains a coiled-coil domain. There is one alternate start site at Met127. Over aa 127-261, human ARA54 is 87% aa identical to mouse ARA54.