

DESCRIPTION

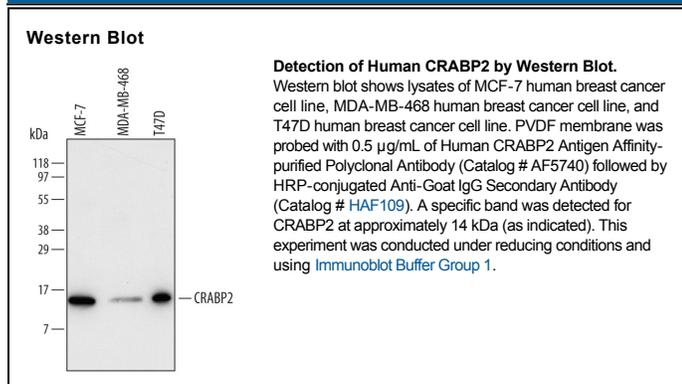
Species Reactivity	Human
Specificity	Detects endogenous human CRABP2 in Western blots.
Source	Polyclonal Goat IgG
Purification	Antigen Affinity-purified
Immunogen	<i>E. coli</i> -derived recombinant human CRABP2 Met1-Glu138 Accession # P29373
Formulation	Lyophilized from a 0.2 µm filtered solution in 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	0.5 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

CRABP2 (Cellular retinoic acid binding protein type II; also RABP2) is a 14 kDa cytosolic member of the fatty acid binding protein family of molecules. It is expressed by a variety of cell types, including keratinocytes, corneal epithelium, fibroblasts and visceral smooth muscle. CRABP2 binds bioactive retinoic acid and transports it to the nucleus, where, in contrast to CRABP1, it facilitates its transfer to the retinoic acid receptor. Human CRABP2 is 138 amino acids (aa) in length and contains one NLS (aa 21-31) and a series of β-strands forming a β-barrel that accommodates retinoic acid in its interior (aa 41-135).