

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
Conjugate	Alexa Fluor 594 Excitation Wavelength: 590 nm Emission Wavelength: 617 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

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).

PRODUCT SPECIFIC NOTICES

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