

DESCRIPTION

Species Reactivity	Human
Specificity	Detects human FXR/NR1H4 in direct ELISAs and Western blots.
Source	Polyclonal Goat IgG
Purification	Antigen Affinity-purified
Immunogen	<i>E. coli</i> -derived recombinant human FXR/NR1H4 Leu211-Gln486 Accession # Q96R11
Conjugate	Alexa Fluor 647 Excitation Wavelength: 650 nm Emission Wavelength: 668 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

FXR is a 56 kDa nuclear receptor belonging to the NR1 subfamily. It is highly expressed in liver, intestine, kidney and white adipose tissue. FXR binds bile acids and functions as a transcription activator or repressor through interactions with a large variety of FXR response elements. Human and mouse FXR share approximately 92% amino acid sequence identity.

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