

DESCRIPTION

Species Reactivity	Human
Specificity	Detects human BRIX in direct ELISAs and Western blots.
Source	Polyclonal Goat IgG
Purification	Antigen Affinity-purified
Immunogen	<i>E. coli</i> -derived recombinant human BRIX Ser131-Lys353 Accession # Q8TDN6
Conjugate	Alexa Fluor 405 Excitation Wavelength: 405 nm Emission Wavelength: 421 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

BRIX (Biogenesis of ribosomes in Xenopus; also BRIX domain-containing protein 2) is a 41 kDa (predicted) member of the BXDC2 family of proteins. It is found in nucleoli, and appears to participate in the formation of a complex associated with pre-rRNA and enzymes that generate 60S ribosomal subunits. Human BRIX is 353 amino acids (aa) in length. It is characterized by the presence of a BRIX domain that lies between aa 60-249. There is one splice variant that shows a 17 aa substitution for aa 11-27. Over aa 131-353, human BRIX shares 93% aa identity with mouse BRIX.

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