

# **Human BRIX Antibody**

Antigen Affinity-purified Polyclonal Goat IgG Catalog Number: AF4024

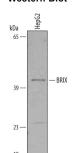
DESCRIPTION	
Species Reactivity	Human
Specificity	Detects human BRIX in direct ELISAs and Western blots.
Source	Polyclonal Goat IgG
Purification	Antigen Affinity-purified
Immunogen	E. coli-derived recombinant human BRIX Ser131-Lys353 Accession # Q8TDN6
Formulation	Lyophilized from a 0.2 µm filtered solution in PBS with Trehalose. See Certificate of Analysis for details. *Small pack size (-SP) is supplied either lyophilized or 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

## Western Blot



Detection of Human BRIX by Western Blot. Western blot shows lysates of HepG2 human hepatocellular carcinoma cell line. PVDF membrane was probed with 1 µg/mL of Goat Anti-Human BRIX Antigen Affinity-purified Polyclonal Antibody (Catalog # AF4024) followed by HRPconjugated Anti-Goat IgG Secondary Antibody (Catalog # HAF019). A specific band was detected for BRIX at approximately 41 kDa (as indicated). This experiment was conducted under reducing conditions and using Immunoblot Buffer Group 8.

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> <li>12 months from date of receipt -20 to -70 °C as supplied</li> </ul>	

- 1 month, 2 to 8 °C under sterile conditions after reconstitution.
- 6 months, -20 to -70 °C under sterile conditions after reconstitution.

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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