

DESCRIPTION

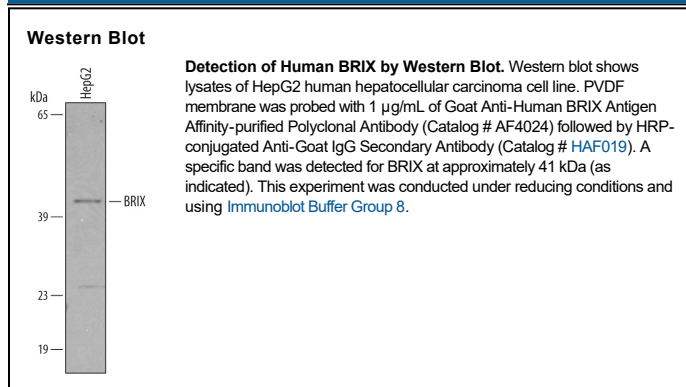
Species Reactivity	Human
Specificity	Detects human BRIX in direct ELISAs and Western blots.
Source	Polyclonal Goat IgG
Purification	Antigen Affinity-purified
Immunogen	<i>E. coli</i> -derived recombinant human BRIX Ser131-Lys353 Accession # Q8TDN6
Formulation	Lyophilized from a 0.2 µm filtered solution 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

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

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.