



BRAC Polyclonal Antibody

Catalog No	YP-Ab-06991
Isotype	IgG
Reactivity	Human;Mouse
Applications	WB;ELISA
Gene Name	T
Immunogen	Synthesized peptide derived from part region of human protein AA range: 181-230
Specificity	BRAC Polyclonal Antibody detects endogenous levels of protein.
Formulation	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-2000 ELISA 1:5000-20000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	BRAC;T;Brachyury protein (Protein T)
Observed Band	47kD
Calculated Molecular Weight	47kD
Cell Pathway	Nucleus .
Tissue Specificity	Detected in testis, but not in other, normal tissues. Detected in lung tumors (at protein level).
Function	disease:Genetic variations in T are associated with susceptibility to neural tube defects (NTD) [MIM:182940]. NTD are common congenital malformations. Spina bifida, which results from malformations in the caudal region of the neural tube, is compatible with life but associated with significant morbidity, including lower limb paralysis.,function:Involved in the transcriptional regulation of genes required for mesoderm formation and differentiation. Binds to a palindromic site (called T site) and activates gene transcription when bound to such a site., similarity:Contains 1 T-box DNA-binding domain.,subunit:Monomer.,



Background

The protein encoded by this gene is an embryonic nuclear transcription factor that binds to a specific DNA element, the palindromic T-site. It binds through a region in its N-terminus, called the T-box, and effects transcription of genes required for mesoderm formation and differentiation. The protein is localized to notochord-derived cells. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jul 2012],

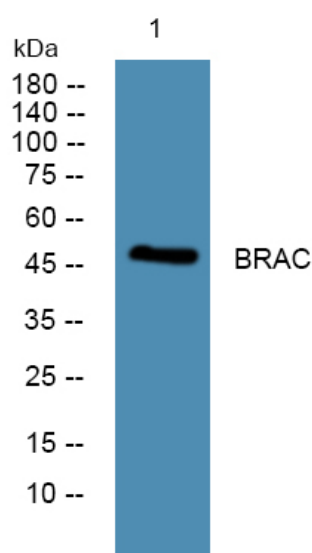
matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images



Western blot analysis of lysates from PC12 cells, primary antibody was diluted at 1:1000, 4° over night