

Rabbit Brachyury/Bry Polyclonal Antibody | anti-Bry antibody

Brachyury/Bry Antibody

CATALOG # AAA328893	HOST Rabbit	REACTIVITY Human, Mouse, Rat Predicted Reactivity: Sheep(100%), Chicken(86%)	APPLICATIONS ELISA
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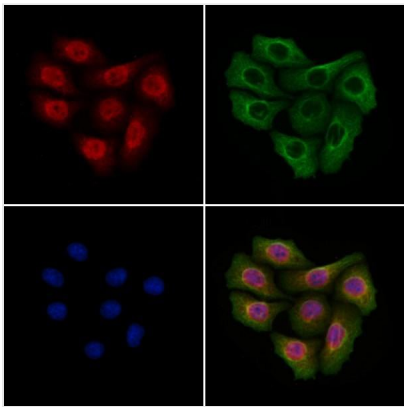
PRODUCT SYNONYMS

Brachyury/Bry; Polyclonal Antibody; Brachyury/Bry Antibody; BRAC_HUMAN; Brachyury homolog; Brachyury protein; Bry; MGC104817; Protein T; SAVA; T; T brachyury homolog; T brachyury transcription factor; T Protein; brachyury homolog (mouse); TFT; Transcription factor T; anti-Bry antibody

PRODUCT SPECIFICATIONS

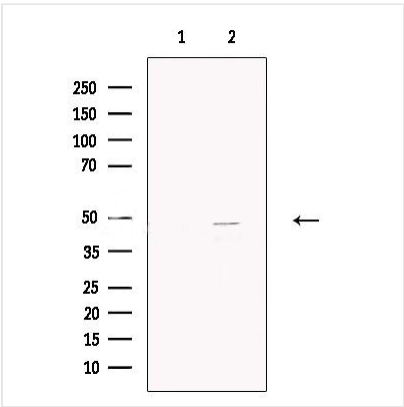
Host	Rabbit
Reactivity	Human, Mouse, Rat Predicted Reactivity: Sheep(100%), Chicken(86%)
Clonality	Polyclonal
Isotype	IgG
Specificity	Brachyury / Bry Antibody detects endogenous levels of total Brachyury / Bry.
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin (Thermo Fisher Scientific).
Form/Format	Liquid. Rabbit IgG in phosphate buffered saline, pH7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol
Concentration	1mg/ml (varies by lot)
Sequence Length	377
Applicable Applications for anti-Bry antibody	ELISA
Immunogen	A synthesized peptide derived from human Brachyury / Bry, corresponding to a region within the internal amino acids.
Fragment	Fab fragment
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



IF (Immunofluorescence)

AAA328893 staining HeLa cells by IF/ICC. The samples were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25°C. Samples were then incubated with primary Ab(AAA328893) and mouse anti-beta tubulin Ab(T0023) for 1 hour at 37°C. An AlexaFluor594 conjugated goat anti-rabbit IgG(H+L) Ab(Red) and an AlexaFluor488 conjugated goat anti-mouse IgG(H+L) Ab(Green) were used as the secondary antibody. The nuclear counter stain is DAPI (blue).



WB (Western Blot)

Western blot analysis of extracts from Human brain t, using Brachyury / Bry Antibody. The lane on the left was treated with blocking peptide.

ADDITIONAL INFORMATION

Related Product Information for anti-Bry antibody	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.
	Subcellular Location: Nucleus.
	Tissue Specificity: Detected in testis, but not in other, normal tissues. Detected in lung tumors (at protein level).
	Subunit Structure: Monomer.

NCBI AND UNIPROT INFORMATION

NCBI GI #	394953947
NCBI GeneID	6862
NCBI Accession #	NP_001257413.1
NCBI GenBank Nucleotide #	NP_001257413.1
UniProt Accession #	O15178
Molecular Weight	Observed Molecular Weight: (Observed)47kD. Predicted Molecular Weight: (Calculated)47kDa.
NCBI Official Full Name	T-box transcription factor T isoform 2
NCBI Official Synonym Full Names	T-box transcription factor T
NCBI Official Symbol	TBXT
NCBI Official Synonym Symbols	T; TFT; SAVA
NCBI Protein Information	T-box transcription factor T
UniProt Protein Name	Brachyury protein
UniProt Gene Name	T
UniProt Entry Name	BRAC_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/brachyury-bry-antibody-elisa/328893>