Human TBX6 Alexa Fluor® 350-conjugated Antibody

Antigen Affinity-purified Polyclonal Goat IgG
Catalog Number: AF4744U
100 µg

DESCRIPTION

Species Reactivity	Human
Specificity	Detects human TBX6 in direct ELISAs and Western blots.
Source	Polyclonal Goat IgG
Purification	Antigen Affinity-purified
Immunogen	*E. coli*-derived recombinant human TBX6 Met1-Arg280 Accession # O95947
Conjugate	Alexa Fluor 350 Excitation Wavelength: 346 nm Emission Wavelength: 442 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.
Immunocytochemistry	Optimal dilution of this antibody should be experimentally determined.
Immunohistochemistry	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

TBX6 (T-box protein 6) is a 47 kDa member of the T-box family of transcriptional regulators. It is expressed during embryogenesis, plays a role in presomitic mesoderm development, and promotes delta-like 1 transcription. Human TBX6 is 436 amino acids (aa) in length. It contains one T-box DNA-binding domain (aa 90-277). There is one alternate splice form that shows a 15 aa substitution for aa 281-436. Over aa 1-280, human TBX6 shows 94% and 90% aa identity with canine and mouse TBX6, respectively.

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