



Rabbit Anti-Human SOX12 Polyclonal antibody (DPABH-23450)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Immunogen	SOX12 fusion protein, sequence: MVQQRGARAKRDGGPPPPGPGPAEEGAREPGWCKTPSGHIKRP MN AFMVWSQHERRKIMD QWPDMHNAEISKRLGRRWQLLQDSEKIPFVREAERLRLKHMADYPDYKYRPRKKS KGAPA KARPRPPGGSGGGSRLKPGPQLPGRGGRRRAAGGPLGGGAAAPEDDDEDDDEELLEVLVE TPGRELWRMVPAGRAARGQAERAQGPGSEGAASPTSEDEEPEEEEEEEEEEEG EEETVASGEESLGFLSRLPPGPAGLDCSALDRDPDLQPPSGTSHFEFPDYCTPEVTE MIA GDWRPSSIADLVFTY (1-315aa encoded by BC067361)
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human, Mouse
Purification	Antigen Affinity purified
Conjugate	Unconjugated
Applications	WB, ELISA
Positive Control	mouse testis tissue, mouse brain tissue
Format	Liquid
Size	50 µl, 100 µl
Buffer	PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Preservative	0.02% Sodium Azide
Storage	Store at -20°C. Aliquoting is unnecessary for -20°C storage.

BACKGROUND

Introduction Members of the SOX family of transcription factors are characterized by the presence of a DNA-binding high mobility group (HMG) domain, homologous to the HMG box of sex-determining region Y (SRY). Forming a subgroup of the HMG domain superfamily, SOX proteins have been implicated in cell fate decisions in a diverse range of developmental processes. SOX transcription factors have diverse tissue-specific expression patterns during early development and have been proposed to act as target-specific transcription factors and/or as chromatin structure regulatory elements. The protein encoded by this gene was identified as a SOX family member based on conserved domains, and its expression in various tissues suggests a role in both differentiation and maintenance of several cell types.

Keywords SOX12; SRY (sex determining region Y)-box 12; SOX22; transcription factor SOX-12; SOX-22 protein; SRY-related HMG-box gene 22;

GENE INFORMATION

Entrez Gene ID [6666](#)

UniProt ID [O15370](#)