

Immunotag™ Sp2 Polyclonal Antibody

Antibody Specification	
Catalog No.	ITT4375
Product Description	Immunotag™ Sp2 Polyclonal Antibody
Size	50 µg, 100 µg
Conjugation	HRP, Biotin, FITC, Alexa Fluor® 350, Alexa Fluor® 405, Alexa Fluor® 488, Alexa Fluor® 555, Alexa Fluor® 594, Alexa Fluor® 647
IMPORTANT NOTE	This product is custom manufactured with a lead time of 3-4 weeks. Once in production, this item cannot be cancelled from an order and is not eligible for return.
Target Protein	SP2
Clonality	Polyclonal
Storage/Stability	-20°C/1 year
Application	WB,IHC-p,ELISA
Recommended Dilution	Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. ELISA: 1/20000. Not yet tested in other applications.
Concentration	1 mg/ml
Reactive Species	Human,Mouse
Host Species	Rabbit
Immunogen	The antiserum was produced against synthesized peptide derived from human SP2. AA range:471-520
Specificity	Sp2 Polyclonal Antibody detects endogenous levels of Sp2 protein.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen
Form	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Gene Name	SP2
Accession No.	Q02086 Q9D2H6
Alternate Names	SP2; KIAA0048; Transcription factor Sp2

Antibody Specification

Description	Sp2 transcription factor(SP2) Homo sapiens This gene encodes a member of the Sp subfamily of Sp/XKLF transcription factors. Sp family proteins are sequence-specific DNA-binding proteins characterized by an amino-terminal trans-activation domain and three carboxy-terminal zinc finger motifs. This protein contains the least conserved DNA-binding domain within the Sp subfamily of proteins, and its DNA sequence specificity differs from the other Sp proteins. It localizes primarily within subnuclear foci associated with the nuclear matrix, and can activate or in some cases repress expression from different promoters. [provided by RefSeq, Jul 2008],
Protein Expression	Bone marrow,Brain,Lung,Lymph,Spleen,
Subcellular Localization	nucleus,
Protein Function	function:Binds to GC box promoters elements and selectively activates mRNA synthesis from genes that contain functional recognition sites.,similarity:Belongs to the Sp1 C2H2-type zinc-finger protein family.,similarity:Contains 3 C2H2-type zinc fingers.,
Usage	For Research Use Only! Not for diagnostic or therapeutic procedures.