

Datasheet for ABIN1387351
anti-GBX1 antibody (AA 201-300)



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Overview

Quantity:	100 µL
Target:	GBX1
Binding Specificity:	AA 201-300
Reactivity:	Mouse, Rat, Chimpanzee
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GBX1 antibody is un-conjugated
Application:	ELISA, Flow Cytometry (FACS), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunohistochemistry (Frozen Sections) (IHC (fro)), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunocytochemistry (ICC)

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human Gbx1
Isotype:	IgG
Cross-Reactivity:	Chimpanzee, Mouse, Rat
Predicted Reactivity:	Human,Dog,Sheep,Pig,Chicken,Rabbit,Chimpanzee,Drosophila
Purification:	Purified by Protein A.

Target Details

Target:	GBX1
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Target Details

Alternative Name:	Gbx1 (GBX1 Products)
Background:	<p>Synonyms: Gastrulation and brain specic homeobox protein 1, Gastrulation and brain-specific homeobox protein 1, Gastrulation brain homeo box 1, Gastrulation brain homeobox 1, Gbx1, GBX1_HUMAN, Homeobox protein GBX-1, Homeobox protein GBX1.</p> <p>Background: The homeobox is DNA sequence that is approximately 180 base pairs long that is involved in all steps of the developmental regulation of animals, fungi and plants, from embryogenesis to cell differentiation. The homeobox encodes a protein domain of about 60 amino acids, called the homeodomain, that can bind to DNA. The gastrulation brain homeobox 1 (GBX1) gene, along with another homeobox gene (EN2), maps to chromosome 7q36, and is expressed in septal and pallidal areas and in the basal forebrain cholinergic system, an area implicated in Alzheimer?s disease. The GBX1 gene encodes the GBX1 protein, which localizes to the nucleus and contains 1 homeobox DNA-binding domain.</p>

Application Details

Application Notes:	ELISA 1:500-1000 FCM 1:20-100 IHC-P 1:200-400 IHC-F 1:100-500 IF(IHC-P) 1:50-200 IF(IHC-F) 1:50-200 IF(ICC) 1:50-200 ICC 1:100-500
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	4 °C,-20 °C

Handling

Storage Comment:	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
Expiry Date:	12 months