

Datasheet: MCA6351

BATCH NUMBER 157614

Description:	RABBIT ANTI SATB2
Specificity:	SATB2
Format:	Purified
Product Type:	Monoclonal Antibody
Clone:	RM365
Isotype:	IgG
Quantity:	0.1 ml

Product Details

Applications

This product has been reported to work in the following applications. This information is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information. For general protocol recommendations, please visit www.bio-rad-antibodies.com/protocols.

	Yes	No	Not Determined	Suggested Dilution
Immunohistology - Paraffin	▪			1/200 - 1/1000
Western Blotting	▪			1/1000 - 1/2000

Where this product has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. Suggested working dilutions are given as a guide only. It is recommended that the user titrates the product for use in their own system using appropriate negative/positive controls.

Target Species	Human
Product Form	Purified IgG - liquid
Preparation	Purified IgG prepared by affinity chromatography on Protein A from animal origin-free culture supernatant
Buffer Solution	Phosphate buffered saline
Preservative	0.09% Sodium Azide
Stabilisers	1% Bovine Serum Albumin 50% Glycerol
Immunogen	A peptide corresponding to the C-terminus of human DNA-binding protein SATB2
External Database	UniProt:

Links[Q9UPW6](#)[Related reagents](#)**Entrez Gene:**[23314](#)

SATB2

[Related reagents](#)**Synonyms**

KIAA1034

Specificity

Rabbit anti SATB2 antibody recognizes DNA-binding protein SATB2, also known as special AT-rich sequence-binding protein 2.

SATB2 is a transcription factor which can bind to matrix-attachment regions (MARs) and activate transcription of multiple genes simultaneously. This allows SATB2 to act as a high-level regulator of multiple networks involved with development ([Zarate and Fish 2016](#)). SATB2 is highly expressed in the brain and plays a role in development of the central nervous system and neocortical organization. It also plays a role in differentiation of osteoblasts ([Berg et al. 2016](#)). Mutations in the gene encoding SATB2 can lead to SATB2-associated syndrome, characterized by developmental delay, intellectual disability, speech and behavioural problems, and craniofacial abnormalities ([Whitton et al. 2018](#)).

Storage

Store at -20°C only.

Storage in frost-free freezers is not recommended.

This product should be stored undiluted. Should this product contain a precipitate we recommend microcentrifugation before use.

Guarantee

12 months from date of despatch

Health And Safety Information

Material Safety Datasheet documentation #10048 available at:
<https://www.bio-rad-antibodies.com/SDS/MCA6351>
 10048

Regulatory

For research purposes only

Related Products

Recommended Secondary Antibodies

Sheep Anti Rabbit IgG (STAR34...)

[FITC](#)

Goat Anti Rabbit IgG (H/L) (STAR124...)

[HRP](#)

Sheep Anti Rabbit IgG (STAR35...)

[RPE](#)

Goat Anti Rabbit IgG (Fc) (STAR121...)

[Biotin](#), [FITC](#), [HRP](#)

Sheep Anti Rabbit IgG (STAR36...)

[DyLight®488](#), [DyLight®680](#), [DyLight®800](#)**North & South**

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To find a batch/lot specific datasheet for this product, please use our online search tool at: [bio-rad-antibodies.com/datasheets](https://www.bio-rad-antibodies.com/datasheets)

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