

Datasheet: MCA6351

**BATCH NUMBER 157614**

<b>Description:</b>	RABBIT ANTI SATB2
<b>Specificity:</b>	SATB2
<b>Format:</b>	Purified
<b>Product Type:</b>	Monoclonal Antibody
<b>Clone:</b>	RM365
<b>Isotype:</b>	IgG
<b>Quantity:</b>	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](http://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.

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

**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...)

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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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