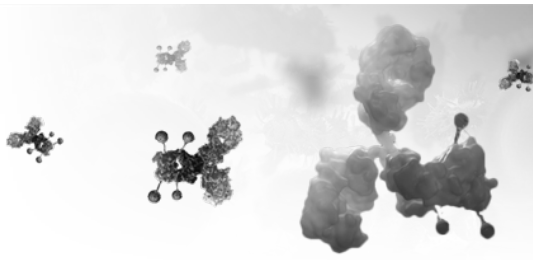

Anti-RAI1 (N-terminal) polyclonal antibody (CPBT-42118RH)

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

PRODUCT INFORMATION

Product Overview	Rabbit Polyclonal antibody to Human RAI1.
Antigen Description	This gene is located within the Smith-Magenis syndrome region on chromosome 17. It is highly similar to its mouse counterpart and is expressed at high levels mainly in neuronal tissues. The protein encoded by this gene includes a polymorphic polyglutamine tract in the N-terminal domain. Expression of the mouse counterpart in neurons is induced by retinoic acid. This gene is associated with both the severity of the phenotype and the response to medication in schizophrenic patients.
Immunogen	A synthetic peptide corresponding to N terminal residues of Human RAI1
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human
Purification	Immunogen affinity purified
Conjugate	Unconjugated
Applications	ICC/IF, WB, ELISA
Cellular Localization	Cytoplasmic and Nuclear. In neurons it is localized to neurites.
Format	Liquid
Size	100 µg
Buffer	Preservative: 0.01% Sodium AzideConstituents: 50% Glycerol, PBS

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Tel: 1-631-624-4882 Fax: 1-631-938-8221

Preservative	0.01% Sodium Azide
Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.

GENE INFORMATION

Gene Name	RAI1 retinoic acid induced 1 [Homo sapiens]
Official Symbol	RAI1
Synonyms	RAI1; retinoic acid induced 1; SMCR,Smith Magenis syndrome chromosome region; retinoic acid-induced protein 1; DKFZP434A139; KIAA1820; MGC12824; SMS; Smith-Magenis syndrome chromosome region; SMCR;
Entrez Gene ID	10743
Protein Refseq	NP_109590
UniProt ID	Q7Z5J4
Chromosome Location	17p11.2
Function	metal ion binding; zinc ion binding;

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