

RAI1 Polyclonal Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP54679**Specification**

RAI1 Polyclonal Antibody - Product Information

Application	WB, IHC-P, IHC-F, IF, ICC
Primary Accession	Q7Z5J4
Reactivity	Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	203352

RAI1 Polyclonal Antibody - Additional Information**Gene ID** 10743**Other Names**

Retinoic acid-induced protein 1, RAI1, KIAA1820

Format

0.01M TBS(pH7.4), 0.09% (W/V) sodium azide and 50% Glyce

Storage

Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

RAI1 Polyclonal Antibody - Protein Information**Name** RAI1**Synonyms** KIAA1820**Function**

Transcriptional regulator of the circadian clock components: CLOCK, BMAL1, BMAL2, PER1/3, CRY1/2, NR1D1/2 and RORA/C. Positively regulates the transcriptional activity of CLOCK a core component of the circadian clock. Regulates transcription through chromatin remodeling by interacting with other proteins in chromatin as well as proteins in the basic transcriptional machinery. May be important for embryonic and postnatal development. May be involved in neuronal differentiation.

Cellular Location

Cytoplasm. Nucleus. Note=In neurons, localized to neurites.

Tissue Location

Expressed in all tissues examined with higher expression in the heart and brain. No expression was seen in the corpus callosum of the brain.

RAI1 Polyclonal Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

RAI1 Polyclonal Antibody - Images