

Anti-HES2 Antibody

Catalog # AP50732

Product Information

Application	WB
Primary Accession	Q9Y543
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	18470

Additional Information

Gene ID	54626
Other Names	BHLHB40; Transcription factor HES-2; Class B basic helix-loop-helix protein 40; bHLHb40; Hairy and enhancer of split 2
Target/Specificity	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human HES2. The exact sequence is proprietary.
Dilution	WB~~ 1:1000
Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

Protein Information

Name	HES2
Synonyms	BHLHB40
Function	Transcriptional repressor of genes that require a bHLH protein for their transcription.
Cellular Location	Nucleus {ECO:0000255 PROSITE-ProRule:PRU00380, ECO:0000255 PROSITE-ProRule:PRU00981}
Tissue Location	Expressed in placenta, pancreatic cancer, colon cancer with RER, cervical cancer, and in head and neck tumors

References

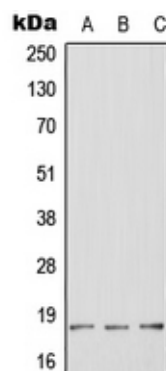
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Mural R.J.,et al.Submitted (JUL-2005) to the EMBL/GenBank/DDBJ databases.

Gregory S.G.,et al.Nature 441:315-321(2006).

Katoh M.,et al.Int. J. Oncol. 25:529-534(2004).

Images



Western blot analysis of HES2 expression in HeLa (A), mouse brain (B), rat brain (C) whole cell lysates.
(Predicted band size: 18 kD; Observed band size: 18 kD)

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