

MED12 Antibody

Catalog No: #34014

Package Size: #34014-1 50ul #34014-2 100ul

Orders: order@signalwayantibody.comSupport: tech@signalwayantibody.com

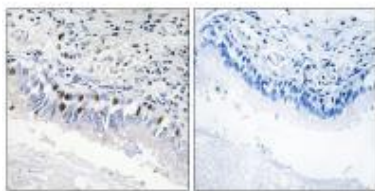
Description

Product Name	MED12 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Applications	IHC
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total MED12 protein.
Immunogen Type	Peptide
Immunogen Description	Synthesized peptide derived from internal of human MED12.
Target Name	MED12
Other Names	Thyroid hormone receptor-associated protein complex 230 kDa component; Trap230; Activator-recruited cofactor 240 kDa component; ARC240; CAG repeat protein 45
Accession No.	Swiss-Prot: Q93074NCBI Gene ID: 9968
Uniprot	Q93074
GeneID	9968;
SDS-PAGE MW	248kd
Concentration	1.0mg/ml
Formulation	Rabbit IgG in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C

Application Details

Immunohistochemistry: 1:50~1:100

Images



Immunohistochemistry analysis of paraffin-embedded human lung carcinoma tissue, using MED12 antibody #34014.

Background

Component of the Mediator complex, a coactivator involved in the regulated transcription of nearly all RNA polymerase II-dependent genes. Mediator functions as a bridge to convey information from gene-specific regulatory proteins to the basal RNA polymerase II transcription machinery. Mediator is recruited to promoters by direct interactions with regulatory proteins and serves as a scaffold for the assembly of a functional preinitiation complex with RNA polymerase II and the general transcription factors. This subunit may specifically regulate transcription of targets of the Wnt signaling pathway and SHH signaling pathway.

Ito M., Mol. Cell 3:361-370(1999).

Nagase T., DNA Res. 3:17-24(1996).

Philibert R.A., Mol. Psychiatry 3:303-309(1998).

Note: This product is for in vitro research use only