

## ZMY11 Antibody

Catalog No: #33894

Package Size: #33894-1 50ul #33894-2 100ul

Orders: [order@signalwayantibody.com](mailto:order@signalwayantibody.com)Support: [tech@signalwayantibody.com](mailto:tech@signalwayantibody.com)

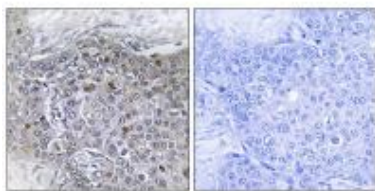
## Description

Product Name	ZMY11 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 Ms
Specificity	The antibody detects endogenous levels of total ZMY11 protein.
Immunogen Type	Peptide
Immunogen Description	Synthesized peptide derived from internal of human ZMY11.
Target Name	ZMY11
Other Names	Zinc finger MYND domain-containing protein 11; Adenovirus 5 E1A-binding protein; BS69 protein; ZMYND11; BS69
Accession No.	Swiss-Prot: Q15326NCBI Gene ID: 10771
Uniprot	Q15326
GeneID	10771;
SDS-PAGE MW	66kd
Concentration	1.0mg/ml
Formulation	Rabbit IgG in phosphate buffered saline (without Mg <sup>2+</sup> and Ca <sup>2+</sup> ), 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 breast carcinoma tissue, using ZMY11 antibody #33894.

## Background

Chromatin reader that specifically recognizes and binds histone H3.3 trimethylated at 'Lys-36' (H3.3K36me3) and regulates RNA polymerase II elongation. Does not bind other histone H3 subtypes (H3.1 or H3.2) By similarity. Colocalizes with highly expressed genes and functions as a transcription corepressor by modulating RNA polymerase II at the elongation stage. Acts as a tumor-suppressor by repressing a transcriptional program essential for tumor cell growth.

Hateboer G., EMBO J. 14:3159-3169(1995).

Deloukas P., Nature 429:375-381(2004).

Matsuoka S., Science 316:1160-1166(2007).

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Note: This product is for in vitro research use only