

TRIM45 Antibody (clone 3G3)
Mouse Monoclonal Antibody
Catalog # ALS16663**Specification**

TRIM45 Antibody (clone 3G3) - Product Information

Application	IHC, IF
Primary Accession	O9H8W5
Other Accession	80263
Reactivity	Human
Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Calculated MW	64359

TRIM45 Antibody (clone 3G3) - Additional Information**Gene ID** 80263**Other Names**

TRIM45, RING finger protein 99, RNF99, Tripartite motif containing 45, Tripartite motif-containing 45

Target/Specificity

Human TRIM45

Reconstitution & Storage

PBS, pH 7.3, 1% BSA, 50% glycerol, 0.02% sodium azide. Store at -20°C. Minimize freezing and thawing.

Precautions

TRIM45 Antibody (clone 3G3) is for research use only and not for use in diagnostic or therapeutic procedures.

TRIM45 Antibody (clone 3G3) - Protein Information**Name** TRIM45**Synonyms** RNF99**Function**

E3 ubiquitin-protein ligase that plays a role in the regulation of inflammatory response (PubMed:36681779). Mechanistically, mediates the 'Lys-48'-linked polyubiquitination of TAB2, a regulatory protein of the kinase TAK1, leading to its degradation via the proteasomal pathway and inhibition of the TLR-mediated inflammatory immune response (PubMed:36681779). May act as a transcriptional repressor in mitogen-activated protein kinase signaling pathway.

Cellular Location

Cytoplasm. Nucleus

Tissue Location

Expressed in skeletal muscle, brain, heart and pancreas.

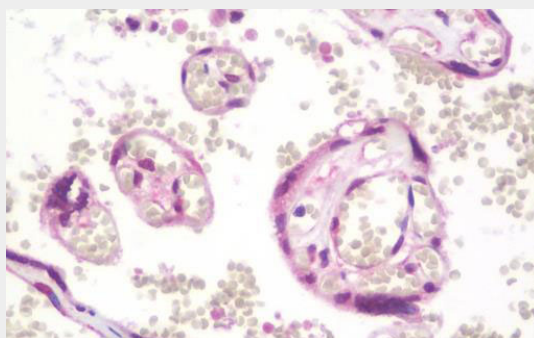
Volume

50 µl

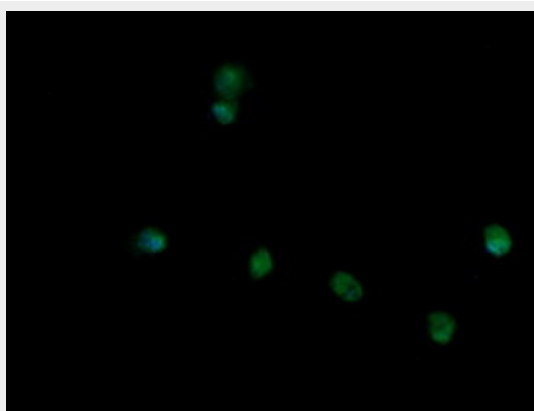
TRIM45 Antibody (clone 3G3) - Protocols

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](#)

TRIM45 Antibody (clone 3G3) - Images

Anti-TRIM45 antibody IHC staining of human placenta.



Anti-TRIM45 mouse monoclonal antibody immunofluorescent staining of COS7 cells transiently...

TRIM45 Antibody (clone 3G3) - Background

May act as a transcriptional repressor in mitogen- activated protein kinase signaling pathway.

TRIM45 Antibody (clone 3G3) - References

Wang Y.,et al.Biochem. Biophys. Res. Commun. 323:9-16(2004).
Ota T.,et al.Nat. Genet. 36:40-45(2004).
Suzuki Y.,et al.Submitted (APR-2005) to the EMBL/GenBank/DDBJ databases.
Gregory S.G.,et al.Nature 441:315-321(2006).
Denis N.J.,et al.Proteomics 7:868-874(2007).