ARG44139
anti-MED17 antibody

Package: 50 µg
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal recognizes MED17
Tested Reactivity	Hu
Tested Application	FACS, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	MED17
Species	Human
Immunogen	Human MED17 recombinant protein (Position: V4-E561).
Conjugation	Un-conjugated
Alternate Names	MED17; Mediator Complex Subunit 17; TRAP80; DRIP80; CRSP77; CRSP6; SRB4; Cofactor Required For Sp1 Transcriptional Activation, Subunit 6, 77kDa; Thyroid Hormone Receptor-Associated Protein Complex 80 KDa Component; Vitamin D3 Receptor-Interacting Protein Complex 80 KDa Component; Mediator Of RNA Polymerase II Transcription Subunit 17; Activator-Recruited Cofactor 77 KDa Component; Transcriptional Coactivator CRSP77; CRSP Complex Subunit 6; ARC77; Cofactor Required For Sp1 Transcriptional Activation, Subunit 6 (77kD); Cofactor Required For Sp1 Transcriptional Activation Subunit 6; Epididymis Secretory Sperm Binding Protein; DRIP77; Trap80

Application Instructions

Application table

Application	Dilution
FACS	1 - 3 µg/10^6 cells
WB	0.25 - 0.5 µg/ml

Application Note: The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.

Properties

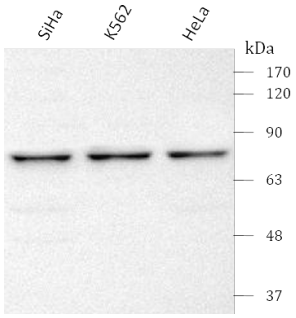
Form	Liquid
Purification	Affinity purification with immunogen.
Buffer	0.9% NaCl, 0.2% Na2HPO4, 0.05% Sodium azide and 4% Trehalose.
Preservative	0.05% Sodium azide
Stabilizer	4% Trehalose
Concentration	0.5 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated

	freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

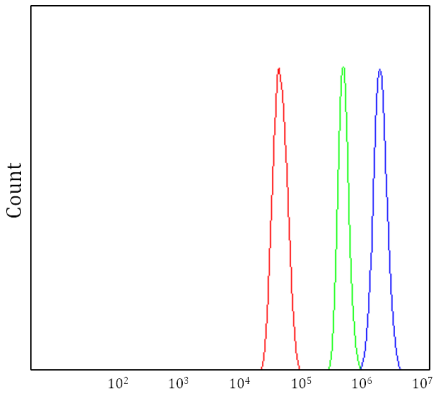
Gene Symbol	MED17
Gene Full Name	Mediator Complex Subunit 17
Background	The activation of gene transcription is a multistep process that is triggered by factors that recognize transcriptional enhancer sites in DNA. These factors work with co-activators to direct transcriptional initiation by the RNA polymerase II apparatus. The protein encoded by this gene is a subunit of the CRSP (cofactor required for SP1 activation) complex, which, along with TFIID, is required for efficient activation by SP1. This protein is also a component of other multisubunit complexes e.g. thyroid hormone receptor-(TR-) associated proteins which interact with TR and facilitate TR function on DNA templates in conjunction with initiation factors and cofactors.
Function	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.
Research Area	Disease variant
Calculated Mw	73 kDa
Cellular Localization	Nucleus

Images



ARG44139 anti-MED17 antibody WB image

Western blot: SIHA, K562 and HeLa stained with ARG44139 anti-MED17 antibody at 0.5 µg/ml dilution.



ARG44139 anti-MED17 antibody FACS image

Flow Cytometry: U251 stained with ARG44139 anti-MED17 antibody at 1 µg/10^6 cells dilution.