

Datasheet for ABIN5647693
anti-ASXL1 antibody[Go to Product page](#)

1 Image

Overview

Quantity:	100 µg
Target:	ASXL1
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ASXL1 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	Amino acids KKERTWAEAAARLVLENYS DAPMTPKQILQVIEAE were used as the immunogen for the ASXL1 antibody.
Isotype:	IgG
Purification:	Antigen affinity purified

Target Details

Target:	ASXL1
Alternative Name:	ASXL1 (ASXL1 Products)
Background:	Putative Polycomb group protein ASXL1 is a protein that in humans is encoded by the ASXL1 gene. This gene is similar to the Drosophila additional sex combs gene, which encodes a chromatin-binding protein required for normal determination of segment identity in the developing embryo. The protein is a member of the Polycomb group of proteins, which are

Target Details

necessary for the maintenance of stable repression of homeotic and other loci. The protein is thought to disrupt chromatin in localized areas, enhancing transcription of certain genes while repressing the transcription of other genes. The protein encoded by this gene functions as a ligand-dependent co-activator for retinoic acid receptor in cooperation with nuclear receptor coactivator 1. Mutations in this gene are associated with myelodysplastic syndromes and chronic myelomonocytic leukemia. Alternative splicing results in multiple transcript variants.

UniProt:	Q8IXJ9
Pathways:	Retinoic Acid Receptor Signaling Pathway

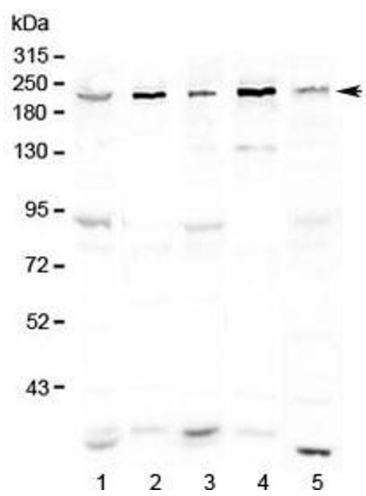
Application Details

Application Notes:	Optimal dilution of the ASXL1 antibody should be determined by the researcher.\. Western Blot: 0.5-1 µg/mL
Restrictions:	For Research Use only

Handling

Buffer:	0.5 mg/mL if reconstituted with 0.2 mL sterile DI water
Storage:	-20 °C
Storage Comment:	After reconstitution, the ASXL1 antibody can be stored for up to one month at 4°C. For long-term, aliquot and store at -20°C. Avoid repeated freezing and thawing.

Images



Western Blotting

Image 1. Western blot testing of human 1) HeLa, 2) COLO320, 3) 293T, 4) Jurkat and 5) mouse testis lysate with ASXL1 antibody at 0.5ug/ml. Predicted molecular weight ~165 kDa, observed here at ~220 kDa.