

## Mouse Monoclonal Antibody to DDX3X

<b>Catalogue Number</b>	sAP-1286
<b>Target Molecule</b>	<p><b>Name:</b> DDX3X</p> <p><b>Aliases:</b> DBX; DDX3; HLP2; DDX14; CAP-Rf</p> <p><b>MW:</b> 73.2kDa</p> <p><b>Entrez Gene ID:</b> 1654</p>
<b>Description</b>	<p>The protein encoded by this gene is a member of the large DEAD-box protein family, that is defined by the presence of the conserved Asp-Glu-Ala-Asp (DEAD) motif, and has ATP-dependent RNA helicase activity. This protein has been reported to display a high level of RNA-independent ATPase activity, and unlike most DEAD-box helicases, the ATPase activity is thought to be stimulated by both RNA and DNA. This protein has multiple conserved domains and is thought to play roles in both the nucleus and cytoplasm. Nuclear roles include transcriptional regulation, mRNP assembly, pre-mRNA splicing, and mRNA export. In the cytoplasm, this protein is thought to be involved in translation, cellular signaling, and viral replication. Misregulation of this gene has been implicated in tumorigenesis. This gene has a paralog located in the nonre-</p>
<b>Immunogen</b>	Purified recombinant fragment of human DDX3X (AA: 518-661) expressed in E. Coli.
<b>Reactive Species</b>	Human; Mouse; Monkey; Rat;
<b>Clone</b>	MM3B9E3;
<b>Size and Concentration</b>	100µg/1mg/ml
<b>Supplied as</b>	Lyophilized Powder from 100µl of Purified antibody in PBS with 0.05% sodium azide
<b>Reconstitution/Storages</b>	Reconstituted with 100µl sterile DI H <sub>2</sub> O, at stored at 4°C or -20°C for short or long term storage
<b>Applications</b>	ELISA: 1 to 10000; WB: 1 to 500 - 1 to 2000; IHC: 1 to 200 - 1 to 1000; ICC: 1 to 200 - 1 to 1000; FCM: 1 to 200 - 1 to 400
<b>Shipping</b>	Regular FEDEX overnight shipment (ambient temperature)
<b>Reference</b>	1.PLoS One. 2013;8(3):e59445. ; 2.Oral Dis. 2014 Jan;20(1):76-83. ;

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**