

## PBX3 Knockout cell line (A549)

Catalog Number: KO36207

Product Information	
Product Name	PBX3 Knockout cell line (A549)
specification	1*10 <sup>6</sup>
Storage and transportation	Dry ice preservation/T25 live cell transportation.
Cell morphology	Epithelioid, adherent cell
Passage ratio	1:3~1:4
species	Human
Gene	PBX3
Gene ID	5090
Build method	Electric rotation method / virus method
Mycoplasma testing	Negative
Cultivation system	90% F12K+10% FBS
Parental Cell Line	A549
Quality Control	Genotype: PBX3 Knockout cell line (A549) >95% viability before freezing. All cells were tested and found to be free of bacterial, viruses, mycoplasma and other toxins.

Gene Information	
Gene Official Full Name	PBX homeobox 3provided by HGNC
Gene Description	Predicted to enable DNA-binding transcription factor activity, RNA polymerase II-specific and RNA polymerase II cis-regulatory region sequence-specific DNA binding activity. Predicted to be involved in several processes, including eye development; nervous system development; and regulation of transcription by RNA polymerase II. Predicted to act upstream of or within several processes, including adult locomotory behavior; dorsal spinal cord development; and regulation of respiratory gaseous exchange by nervous system process. Predicted to be located in chromatin. Predicted to be part of transcription regulator complex. Predicted to be active in nucleus. Biomarker of esophagus squamous cell carcinoma. [provided by Alliance of Genome Resources, Apr 2025]
Expression	Ubiquitous expression in adrenal (RPKM 28.9), ovary (RPKM 26.1) and 25 other tissues See more