Best Tools for immunology Research

HMGB3 rabbit pAb

Catalog No :	YT7408
Reactivity :	Human;Mouse
Applications :	WB
Target :	HMGB3
Gene Name :	HMGB3 HMG2A HMG4
Protein Name :	HMGB3
Human Gene Id :	3149
Human Swiss Prot No :	O15347
Mouse Gene Id :	15354
Mouse Swiss Prot No :	O54879
Immunogen :	Synthesized peptide derived from human HMGB3 AA range: 123-173
Specificity :	This antibody detects endogenous levels of HMGB3 at Human/Mouse
Formulation :	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source :	Polyclonal, Rabbit,IgG
Dilution :	WB 1□500-2000
Purification :	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Concentration :	1 mg/ml
Storage Stability :	-15°C to -25°C/1 year(Do not lower than -25°C)

Molecularweight : 22kD

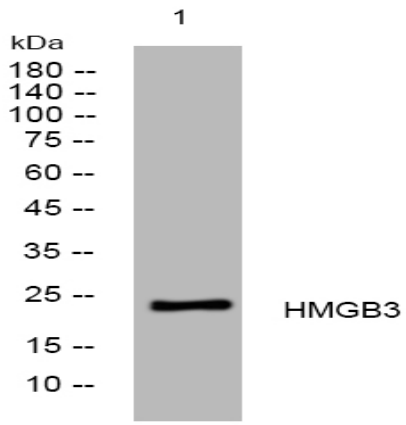
Background : This gene encodes a member of a family of proteins containing one or more high mobility group DNA-binding motifs. The encoded protein plays an important role in maintaining stem cell populations, and may be aberrantly expressed in tumor cells. A mutation in this gene was associated with microphthalmia, syndromic 13. There are numerous pseudogenes of this gene on multiple chromosomes. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jul 2014],

Function : function:Binds preferentially single-stranded DNA and unwinds double stranded DNA.,similarity:Belongs to the HMGB family.,similarity:Contains 2 HMG box DNA-binding domains.,tissue specificity:Expressed predominantly in placenta.,

Subcellular Location : Nucleus . Chromosome . Cytoplasm .

Expression : Expressed predominantly in placenta.

Products Images



Western blot analysis of lysates from U2OS cells, primary antibody was diluted at 1:1000, 4°over night