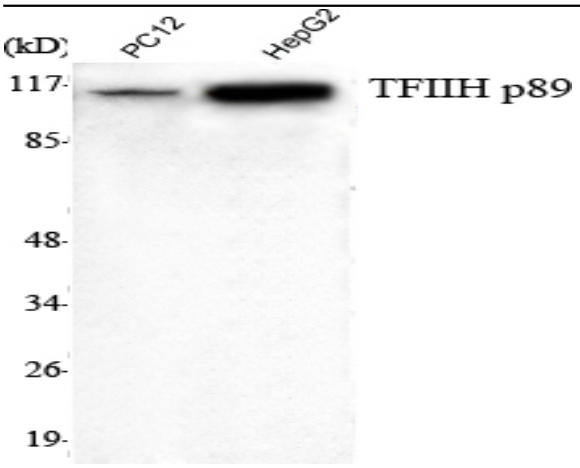
Immunoway
Best Tools for immunology Research

TFIIH p89 Monoclonal Antibody

Catalog No :	YM1106
Reactivity :	Human;Mouse;Rat;Bovine;Dog
Applications :	WB
Target :	TFIIH
Fields :	>>Basal transcription factors;>>Nucleotide excision repair
Gene Name :	ERCC3
Protein Name :	TFIIH basal transcription factor complex helicase XPB subunit
Human Gene Id :	2071
Human Swiss Prot No :	P19447
Mouse Gene Id :	13872
Mouse Swiss Prot No :	P49135
Rat Gene Id :	291703
Rat Swiss Prot No :	Q4G005
Immunogen :	Purified recombinant human TFIIH p89 (C-terminus) protein fragments expressed in E.coli.
Specificity :	TFIIH p89 Monoclonal Antibody detects endogenous levels of TFIIH p89 protein.
Formulation :	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source :	Monoclonal, Mouse
Dilution :	WB 1:1000 - 1:2000. Not yet tested in other applications.

Purification :	Affinity purification
Concentration :	1 mg/ml
Storage Stability :	-15°C to -25°C/1 year(Do not lower than -25°C)
Molecularweight :	89kD
Cell Pathway :	Nucleotide excision repair;
Background :	This gene encodes an ATP-dependent DNA helicase that functions in nucleotide excision repair. The encoded protein is a subunit of basal transcription factor 2 (TFIIH) and, therefore, also functions in class II transcription. Mutations in this gene are associated with Xeroderma pigmentosum B, Cockayne's syndrome, and trichothiodystrophy. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Dec 2014],
Function :	disease:Defects in ERCC3 are a cause of trichothiodystrophy photosensitive (TTDP) [MIM:601675]. TTDP is an autosomal recessive disease characterized by sulfur-deficient brittle hair and nails, ichthyosis, mental retardation, impaired sexual development, abnormal facies and cutaneous photosensitivity correlated with a nucleotide excision repair (NER) defect. Neonates with trichothiodystrophy and ichthyosis are usually born with a collodion membrane. The severity of the ichthyosis after the membrane is shed is variable, ranging from a mild to severe lamellar ichthyotic phenotype. There are no reports of skin cancer associated with TTDP.,disease:Defects in ERCC3 are the cause of xeroderma pigmentosum complementation group B (XP-B) [MIM:610651]; also known as xeroderma pigmentosum II (XP2) or XP group B (XPB) or xeroderma pigmentosum group B combined with Cockayne syndrome (XP-B/CS). Xeroder
Subcellular Location :	Nucleus.
Expression :	Adipose tissue,Epithelium,Placenta,

Products Images



Western Blot analysis using TFIIH p89 Monoclonal Antibody against PC12, HepG2 cell lysate.