

DATASHEET

E3BP Rabbit Polyclonal Antibody

CAT. NO. APA12894

KEY FEATURES

Target	E3BP	Source / Host	Rabbit
Reactivity	Human, Mouse, Rat	Clonality	Polyclonal
Applications	WB, IP	Conjugation	Unconjugated
Form / Buffer	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.		Storage at -20°C

BACKGROUND

Required for anchoring dihydrolipoamide dehydrogenase (E3) to the dihydrolipoamide transacetylase (E2) core of the pyruvate dehydrogenase complexes of eukaryotes. This specific binding is essential for a functional PDH complex.

APPLICATION

To ensure optimal assay performance, AREX recommends conducting reagent titration tailored to each testing system for optimal detection results.

WB	1:500 - 1:1000
IP	1:10 - 1:50

*Results are sample-specific. Please refer to your local assay conditions and test parameters for reference.

PRODUCT OVERVIEW

Description	Rabbit polyclonal antibody to E3BP
Specificity	Recognizes endogenous levels of E3BP protein.
Antibody Type	Primary antibody
Immunogen	Recombinant fusion protein of human E3BP
Purification	The antibody was purified by immunogen affinity chromatography.
Molecular Weight	Predicted: 29; Observed: 54 kD
Form/Buffer	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Alternative Names	PDX1; Pyruvate dehydrogenase protein X component mitochondrial; Dihydrolipoamide dehydrogenase-binding protein of pyruvate dehydrogenase complex; E3-binding protein; E3BP; Lipoyl-containing pyruvate dehydrogenase complex component X; proX
Gene Symbol	PDHX
Entrez Gene	8050(Human)
SwissProt	O00330(Human)

*AREX continuously optimizes our products. Webpage content may not reflect the latest updates. For inquiries, please contact info@arexbio.com or your local distributor.

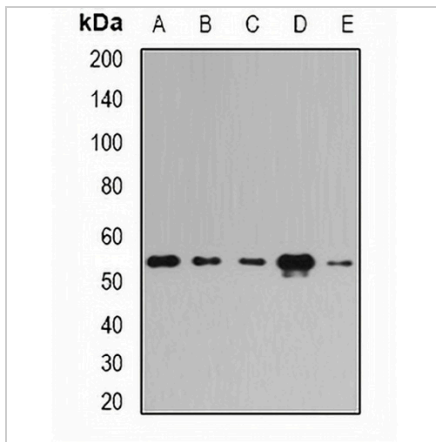
*Clone Number, Reactivity, Source/Host and Clonality can be found in the product name and Key Features section above.

DATASHEET

E3BP Rabbit Polyclonal Antibody

CAT. NO. APA12894

DATA



Western blot analysis of E3BP expression in HepG2 (A), MCF7 (B), mouse testis (C), mouse brain (D), rat kidney (E) whole cell lysates. (Predicted band size: 29; 51; 54 kD; Observed band size: 54 kD)

STORAGE

Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.

NOTE

For Research Use Only. Not for diagnostic, therapeutics, prophylactic or in vivo use.