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TRAP230 Polyclonal Antibody

MED12. AA range:011-660 Specificity TRAP230 Polyclonal Antibody detects endogenous levels of TRAP230 protein Formulation Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide. Source Polyclonal, Rabbit,IgG Purification The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen. Dilution WB 1:500-2000 IHC: 1/100 - 1/300. ELISA: 1/5000 IF 1:50-200 Concentration 1 mg/ml Purity ≥90% Storage Stability -20°C/1 year Synonyms MED12; ARC240; CAGH45; HOPA; KIAA0192; TNRC11; TRAP230; Mediator RNA polymerase II transcription subunit 12; Activator-recruited cofactor 240 kl component; ARC240; CAG repeat protein 45; Mediator complex subunit 12; OPA-containing prote Observed Band Cell Pathway Tissue Specificity Ubiquitous. Function disease:Defects in MED12 are the cause of Lujan-Fryns syndrome [MIM:3095 also known as X-linked mental retardation with marfanoid habitus. Clinically, Lujan-Fryns syndrome (MIM:3095 also known as X-linked mental retardation with marfanoid habitus. Clinically, Lujan-Fryns syndrome (OKS) (MIM:305450], also known as X-linked mental retardation with marfanoid habitus. Clinically, Lujan-Fryns syndrome (OKS) (MIM:305450], also known as X-linked mental retardation with marfanoid habitus. Clinically, Lujan-Fryns syndrome by tall stature, hypernasal voice, hyperextensible digits and high nasal rotor, disease:Defects in MED12		
Reactivity Human;Rat;Mouse; Applications IHC;IF;WB;ELISA Gene Name MED12 Protein Name Mediator of RNA polymerase II transcription subunit 12 Immunogen The antiserum was produced against synthesized peptide derived from human MED12. AA range:611-660 Specificity TRAP230 Polyclonal Antibody detects endogenous levels of TRAP230 protein Formulation Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide. Source Polyclonal, Rabbit,IgG Purification The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen. Dilution WB 1:500-2000 IHC: 1/100 - 1/300. ELISA: 1/5000 IF 1:50-200 Concentration 1 mg/ml Purity ≥90% Storage Stability -20°C/1 year Synonyms MED12; ARC240; CAGH45; HOPA; KIAA0192; TNRC11; TRAP230; Mediator RNA polymerase II transcription subunit 12; Activator-recruited cofactor 240 kl component; ARC240; CAG repeat protein 45; Mediator complex subunit 12; OPA-containing prote Observed Band Ubiquitous. Tissue Specificity Ubiquitous. Function dises known as X-linked mental retardation with marfanoid habitus. Clinically, Lujan-Fryns syndrome can be distinguished from Optiz-Kaverggia syndrome (OKS) (MMI/3064560; Jor FG <	Catalog No	YP-Ab-02134
Applications IHC;IF;WB;ELISA Gene Name MED12 Protein Name Mediator of RNA polymerase II transcription subunit 12 Immunogen The antiserum was produced against synthesized peptide derived from human MED12. AA range:611-660 Specificity TRAP230 Polyclonal Antibody detects endogenous levels of TRAP230 protein Formulation Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide. Source Polyclonal, Rabbit.lgG Purification The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen. Dilution WB 1:500-2000 IHC: 1/100 - 1/300. ELISA: 1/5000 IF 1:50-200 Concentration 1 mg/ml Purity ≥90% Storage Stability -20°C/1 year Synonyms MED12; ARC240; CAGH45; HOPA; KIAA0192; TNRC11; TRAP230; Mediator component; ARC240; CAG repeat protein 45; Mediator complex subunit 12; OPA-containing prote Observed Band Cell Pathway Nucleus . Tissue Specificity Ubiquitous. Function dises Enders in MED12 are the cause of Lujan-Fryns syndrome [MIM:3095, also known as X-linked mental retardation with marfanoid habitus. Clinically, Lujan-Fryns syndrome can be distinguished from Optiz-Kaveggia syndrome by retardsriptio of nearser: hypotonia an doconstipation, function: Component of the Mediator comple	Isotype	lgG
Gene Name MED12 Protein Name Mediator of RNA polymerase II transcription subunit 12 Immunogen The antiserum was produced against synthesized peptide derived from humar MED12. AA range:611-660 Specificity TRAP230 Polyclonal Antibody detects endogenous levels of TRAP230 protein Formulation Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide. Source Polyclonal, Rabbit,IgG Purification The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen. Dilution WB 1:500-2000 IHC: 1/100 - 1/300. ELISA: 1/5000 IF 1:50-200 Concentration 1 mg/ml Purity 290% Storage Stability -20°C/1 year Synonyms MED12; ARC240; CAGH45; HOPA; KIAA0192; TNRC11; TRAP230; Mediator RNA polymerase II transcription subunit 12; OPA-containing prote Observed Band Cell Pathway Nucleus . Tissue Specificity Ubiquitous. Function disease:Defects in MED12 are the cause of Lujan-Fryns syndrome [MIM:3095] also known as X-linked mental retardation with marfanoid habitus. Clinically, Lujan-Fryns syndrome can be distinguished from Optie-Kavegia syndrome by tall stature, hypermasal voice, hyperextensible digits and high nasal root, disease:Defects in MED12 are the cause of Optiz-Kavegia syndrome by tall	Reactivity	Human;Rat;Mouse;
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Formulation Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide. Source Polyclonal, Rabbit,IgG Purification The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen. Dilution WB 1:500-2000 IHC: 1/100 - 1/300. ELISA: 1/5000 IF 1:50-200 Concentration 1 mg/ml Purity ≥90% Storage Stability -20°C/1 year Synonyms MED12; ARC240; CAGH45; HOPA; KIAA0192; TNRC11; TRAP230; Mediator RNA polymerase II transcription subunit 12; Activator-recruited cofactor 240 kl component; ARC240; CAG repeat protein 45; Mediator complex subunit 12; OPA-containing prote Observed Band Ubiquitous. Function disease:Defects in MED12 are the cause of Lujan-Fryns syndrome [MIM:3095 also known as X-linked mental retardation with marfanoid habitus. Clinically, Lujan-Fryns syndrome bial stature, hypermasal voice, hyperextensible digits and high nasal root, disease:Defects in MED12 are the cause of Opitz-Kaveggia syndrome by fall stature, hypermasal voice, hyperextensible digits and high nasal root, disease:Defects in MED12 are the cause of Opitz-Kaveggia syndrome by fall stature, hypermasal voice, hyperextensible digits and high nasal root, disease:Defects in MED12 are the cause of Opitz-Kaveggia syndrome by fall stature, hypermasal voice, hyperextensible digits and high nasal root, disease:Defects in MED12 are the cause of Opitz-Kaveggia syndrome by fox). Clinically, Lujan-Fryns syndrome to the disdiator complex, a coactivator invol in the regulated transcription of nearly hypotonia and root	Immunogen	The antiserum was produced against synthesized peptide derived from human MED12. AA range:611-660
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Purification The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen. Dilution WB 1:500-2000 IHC: 1/100 - 1/300. ELISA: 1/5000 IF 1:50-200 Concentration 1 mg/ml Purity ≥90% Storage Stability -20°C/1 year Synonyms MED12; ARC240; CAGH45; HOPA; KIAA0192; TNRC11; TRAP230; Mediator RNA polymerase II transcription subunit 12; Activator-recruited cofactor 240 kl component; ARC240; CAG repeat protein 45; Mediator complex subunit 12; OPA-containing prote Observed Band Ubiquitous. Function disease:Defects in MED12 are the cause of Lujan-Fryns syndrome [MIM:3095 alto roopitz-Kaveggia syndrome by tall stature, hypernasal voice, hyperextensible digits and high nasal root, disease:Defects in MED12 are the cause of Opitz-Kaveggia syndrome (OKS) (MM:305450); also known as FG syndrome type 1 (FGS1) or FG syndrome (FGS). OKS is an X-linked disorder characterized by mental retardation, relative macrocephaly, hypotonia and occustipation, function. Component of the Mediator complex, a coactivator invol in the regulated transcription of the anty and polymerase II-dependent genes	Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
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Cell PathwayNucleus .Tissue SpecificityUbiquitous.Functiondisease:Defects in MED12 are the cause of Lujan-Fryns syndrome [MIM:3095] also known as X-linked mental retardation with marfanoid habitus. Clinically, Lujan-Fryns syndrome can be distinguished from Opitz-Kaveggia syndrome by tall stature, hypernasal voice, hyperextensible digits and high nasal root.,disease:Defects in MED12 are the cause of Opitz-Kaveggia syndrome (OKS) [MIM:305450]; also known as FG syndrome type 1 (FGS1) or FG syndrome (FGS). OKS is an X-linked disorder characterized by mental retardation, relative macrocephaly, hypotonia and constipation.,function:Component of the Mediator complex, a coactivator invol- in the regulated transcription of nearly all RNA polymerase II-dependent genesity	Synonyms	
Tissue SpecificityUbiquitous.Functiondisease:Defects in MED12 are the cause of Lujan-Fryns syndrome [MIM:3095] also known as X-linked mental retardation with marfanoid habitus. Clinically, Lujan-Fryns syndrome can be distinguished from Opitz-Kaveggia syndrome by tall stature, hypernasal voice, hyperextensible digits and high nasal root.,disease:Defects in MED12 are the cause of Opitz-Kaveggia syndrome (OKS) [MIM:305450]; also known as FG syndrome type 1 (FGS1) or FG syndrome (FGS). OKS is an X-linked disorder characterized by mental retardation, relative macrocephaly, hypotonia and constipation.,function:Component of the Mediator complex, a coactivator invol- in the regulated transcription of nearly all RNA polymerase II-dependent genesity	Observed Band	
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Mediator functions as a bridge to convey information from gene-specific	Function	Lujan-Fryns syndrome can be distinguished from Opitz-Kaveggia syndrome by tall stature, hypernasal voice, hyperextensible digits and high nasal root.,disease:Defects in MED12 are the cause of Opitz-Kaveggia syndrome (OKS) [MIM:305450]; also known as FG syndrome type 1 (FGS1) or FG syndrome (FGS). OKS is an X-linked disorder characterized by mental

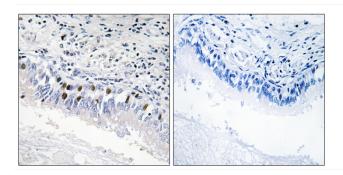


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	regulatory proteins to the basal RNA polymerase II transcription machinery. Mediator is recruited to promoters b
Background	The initiation of transcription is controlled in part by a large protein assembly known as the preinitiation complex. A component of this preinitiation complex is a 1.2 MDa protein aggregate called Mediator. This Mediator component binds with a CDK8 subcomplex which contains the protein encoded by this gene, mediator complex subunit 12 (MED12), along with MED13, CDK8 kinase, and cyclin C. The CDK8 subcomplex modulates Mediator-polymerase II interactions and thereby regulates transcription initiation and reinitation rates. The MED12 protein is essential for activating CDK8 kinase. Defects in this gene cause X-linked Opitz-Kaveggia syndrome, also known as FG syndrome, and Lujan-Fryns syndrome. [provided by RefSeq, Aug 2009],
matters needing attention	Avoid repeated freezing and thawing!
Usage suggestions	This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images



Immunohistochemistry analysis of paraffin-embedded human lung carcinoma, using MED12 Antibody. The picture on the right is blocked with the synthesized peptide.

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